

# **California Noxious Weed Pest Propagules Identification Manual**

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CALIFORNIA DEPARTMENT OF  
FOOD & AGRICULTURE

# California Noxious Weed Pest Propagules Identification Manual

## Table of Contents

Introduction .....	3
List of noxious weed species by common name .....	6
California noxious weed pest propagules sorted by size .....	9
Propagules less than 1 mm .....	10
Propagules 1 – 3 mm .....	12
Propagules greater than 3 – 6 mm .....	23
Propagules greater than 6 mm .....	33
California noxious weed pest propagules sorted by family .....	43
Acanthaceae .....	44
Alliaceae .....	44
Amaranthaceae .....	45
Asclepiadaceae .....	45
Asteraceae .....	46
Boraginaceae .....	50
Brassicaceae .....	50
Caryophyllaceae .....	53
Chenopodiaceae .....	53
Cuscutaceae .....	56
Convolvulaceae .....	57
Cucurbitaceae .....	57
Cyperaceae .....	57
Euphorbiaceae .....	58
Fabaceae .....	58
Haloragaceae .....	62
Hypericaceae .....	62
Iridaceae .....	62
Lamiaceae .....	63
Lythraceae .....	63
Malvaceae .....	63
Moraceae .....	64
Nymphaeaceae .....	64
Onagraceae .....	64
Orobanchaceae .....	65
Poaceae .....	66
Polygonaceae .....	71
Pontederiaceae .....	72
Rosaceae .....	72
Rubiaceae .....	72
Scrophulariaceae .....	73
Solanaceae .....	74
Simaroubaceae .....	75
Tamaricaceae .....	75
Viscaceae .....	76
Zygophyllaceae .....	76
California quarantine policy - weeds .....	77
List of noxious weed species by scientific name .....	82
List of noxious weed species by family name .....	85
References .....	88

## Introduction

Noxious and invasive weeds infest over 20 million acres in California and result in control costs and lost agricultural productivity worth hundreds of millions of dollars (Schoenig 2005). Recognition of noxious weed propagules is critical in preventing the spread of plant species harmful to agriculture or the environment via agricultural and revegetative seed for planting or seed based livestock feed. This manual is a pictorial identification guide to the propagules of weed species of concern in California. Plant propagules include such things as seed, fruit, florets, spikelets, tubers, rhizomes or any plant part capable of producing another plant. Unfortunately, photographs are not available of the propagules for all the species of concern. For further information on noxious weed species in California and the California pest rating system please refer to the California Department of Food and Agriculture (CDFA) Encycloweedia website (Schoenig 2004). Also available at this website are the CDFA Botany Laboratory Weed Rating List (click on [Noxious Weed Pest Rating.pdf](#)) and the California Noxious and Invasive Weed Action Plan (Schoenig 2005) giving an overview of noxious and invasive weed impacts and management in California (click on [IPC Home](#), then [California Noxious Weed Action Plan](#)).

Under the Food and Agriculture Code (FAC), Division 18, Chapter 2, Article 1 (California Seed Law) Section 52256 the term “noxious weed seed” means the seed or propagule of any species of noxious weed, as defined in Section 5004. As used in this chapter, noxious weed seed are of two classes, prohibited noxious weed seed and restricted noxious weed seed, which are defined in Sections 52257 and 52258, respectively.

According to Section 5004 (FAC): “Noxious weed” means any species of plant that is, or is liable to be, troublesome, aggressive, intrusive, detrimental, or destructive to agriculture, silviculture, or important native species, and difficult to control or eradicate, which the director, by regulation, designates to be a noxious weed. In determining whether or not a species shall be designated a noxious weed for the purposes of protecting silviculture or important native plant species, the director shall not make that designation if the designation will be detrimental to agriculture.

Section 52257 (FAC) states: “Prohibited noxious weed seed” means the seed or propagule of any species of noxious weed which the Secretary, as provided in Section 52332, finds and declares to be a prohibited noxious weed seed and which either: (1) is not known to occur, or is of limited distribution, in this state; (2) is not widely distributed throughout the state and which not only reproduce by seed, but also by underground roots or stems; or is under eradication measures in the state.

Section 52258 (FAC) states: “Restricted noxious weed seed” means the seed or propagule of any species of noxious weed, the seed of which is not otherwise designated as prohibited noxious weed seed, and which the Secretary, as provided in Section 52332, finds and declares to be a restricted noxious weed seed.

Under the California Code of Regulations (CCR) (Title 3, Division 4, Chapter 5, Subchapter 3 – Seed Inspection) Section 3854 it states: Prohibited Noxious Weed Seed. In accordance with Section 52332 of the FAC, the Secretary hereby designates the seed or propagule of the following species of plants to be prohibited noxious weed seed within the meaning of Section 52257 of the FAC:

*Acroptilon repens* (Russian knapweed)  
*Alhagi pseudalhagi* (camelthorn)  
*Cardaria chalepensis* (Lens-podded hoarycress)

*Cardaria draba* (heart-podded hoarycress)  
*Cardaria pubescens* (globe-podded hoarycress)  
*Carduus acanthoides* (plumeless thistle)  
*Carduus nutans* (musk thistle)  
*Carthamus leucocaulos* (whitestem distaff thistle)  
*Cirsium arvense* (Canada thistle)  
*Cirsium undulatum* (wavyleaf thistle)  
*Cucumis melo* var. *dudaim* (dudaim melon)  
*Euphorbia esula* (leafy spurge)  
*Helianthus ciliaris* (blueweed)  
*Lepidium latifolium* (perennial peppercress)  
*Onopordum* spp. (onopordum thistles)  
*Rorippa austriaca* (Austrian fieldcress)  
*Solanum carolinense* (Carolina horsenettle)  
*Solanum elaeagnifolium* (white horsenettle)  
*Sonchus arvensis* (perennial sowthistle)

Under the CCR (Title 3, Division 4, Chapter 5, Subchapter 3 – Seed Inspection) Section 3855 it states: Restricted Noxious Weed Seed. In accordance with Section 52332 of the FAC, the Secretary hereby designates the seed or propagule of the following species of plants to be restricted noxious weed seed within the meaning of Section 52258 of the FAC:

*Allium vineale* (wild garlic)  
*Carduus pycnocephalus* (Italian thistle)  
*Carduus tenuiflorus* (slenderflowered thistle)  
*Carthamus baeticus* (smooth distaff thistle)  
*Carthamus lanatus* (woolly distaff thistle)  
*Cenchrus echinatus* (southern sandbur)  
*Cenchrus incertus* (coast sandbur)  
*Cenchrus longispinus* (mat sandbur)  
*Centaurea solstitialis* (yellow starthistle)  
*Chorispora tenella* (purple mustard)  
*Convolvulus arvensis* (field bindweed)  
*Cuscuta* spp. (dodder)  
*Cyperus esculentus* (yellow nutsedge)  
*Cyperus rotundus* (purple nutsedge)  
*Elytrigia repens* (quackgrass)  
*Halogeton glomeratus* (halogeton)  
*Hypericum perforatum* (Klamathweed)  
*Malvella leprosa* (alkali mallow)  
*Iva axillaris* (povertyweed)  
*Salvia aethiopis* (Mediterranean sage)  
*Sorghum halepense* (Johnsongrass and other perennial *Sorghum* spp. including but not limited to *Sorghum alnum* and perennial sweet sudangrass.)  
*Taeniamia caput-medusae* (medusahead)  
*Tribulus terrestris* (puncturevine)

The California Seed Law does not address other plant species that are considered noxious weeds in accordance with the definition under Section 5004 (FAC). If a plant species is found to fit the definition of a “noxious weed” the Department, after consultation with experts (internal and external) and the County Agricultural Commissioners (CAC) in California, will designate the plant a noxious weed (Schoenig 2004). A list of plant species determined to fit the definition of noxious weeds in accordance with Section 5004 (FAC) is given in Section 4500 of the CCR (Title 3, Division 4, Chapter 6, Subchapter 6). Once a plant is declared as a noxious weed it is assigned a rating of A, B, C, D or

Q. The ratings represent the Department's policy guidelines indicating the most appropriate action to take when the particular pest is found under general circumstances. Individual counties may have more stringent action policies. The ratings are not fixed and may change as circumstances change.

The policy language for the California Pest Rating System given on the Encycloweedia website (click on Noxious Weed Ratings) is as follows:

This system has been in place since at least 1977, without revision of the language. The term "commissioners" refers to the County Agricultural Commissioners.

**Action Oriented Rating System Purpose:**

To advise commissioners as to the Department's policy regarding any pest action.

**Definitions**

**"A"** - An organism of known economic importance subject to state (or commissioner when acting as a state agent) enforced action involving: eradication, quarantine, containment, rejection, or other holding action.

**"B"** - An organism of known economic importance subject to: eradication, containment, control or other holding action at the discretion of the individual county agricultural commissioner.

OR

An organism of known economic importance subject to state endorsed holding action and eradication only when found in a nursery.

**"C"** - An organism subject to no state enforced action outside of nurseries except to retard spread. At the discretion of the commissioner.

OR

An organism subject to no state enforced action except to provide for pest cleanliness in nurseries.

**"Q"** - An organism or disorder requiring temporary "A" action pending determination of a permanent rating. The organism is suspected to be of economic importance but its status is uncertain because of incomplete identification or inadequate information. In the case of an established infestation, at the discretion of the Assistant Director for Plant Industry, the Department will conduct surveys and will convene the Division Pest Study Team to determine a permanent rating.

**"D"** - No action. (Parasites, predators, and organisms of little or no economic importance).

For further information excerpts from California Department of Food and Agriculture Plant Quarantine Manual with regards to the quarantine policy on weeds are provided here beginning on page 36.

Visit [www.lucidcentral.org/keys/v3/FNW](http://www.lucidcentral.org/keys/v3/FNW) for information on the identification of Federal Noxious weed disseminules of the United States.

To obtain the most recent version of the State Noxious-Weed Seed Requirements Recognized in the Administration of the Federal Seed Act (All State Noxious List) visit [www.ams.usda.gov/lsg/seed](http://www.ams.usda.gov/lsg/seed).

**Table 1. California Quarantine Noxious Weed Species Sorted By Common Name**

Common name	Scientific name	Family	Rating*
Alligatorweed	Alternanthera philoxeroides (Mart.) Griseb.	Amaranthaceae	A
Alyssum, hoary	Berteroia incana (L.) DC.	Brassicaceae	Q
Ambulia (1)	Limnophila indica (L.) Druce	Scrophulariaceae	Q
Ambulia (2)	Limnophila sessiliflora (Vahl) Blume	Scrophulariaceae	Q
Baby's breath	Gypsophila paniculata L.	Caryophyllaceae	B
Beancaper, Syrian	Zygophyllum fabago L.	Zygophyllaceae	A
Bermudagrass	Cynodon spp. & hybrids	Poaceae	C
Biddy-biddy	Acaena novae-zelandiae Kirk	Rosaceae	A
Biddy-biddy, pale	Acaena pallida (Kirk) H. H. Allan	Rosaceae	A
Bidi-bidi**	Acaena magellanica (Lam.) Vahl	Rosaceae	B
Bindweed, field	Convolvulus arvensis L.	Convolvulaceae	C
Bladderflower	Araujia sericifera Brot.	Asclepiadaceae	B
Blue flag, western	Iris missouriensis Nutt.	Iridaceae	C
Blueweed	Helianthus ciliaris DC.	Asteraceae	A
Brass buttons, creeping	Cotula mexicana (DC.) Cabrera	Asteraceae	C
Broom, bridal	Retama monosperma (L.) Boiss.	Fabaceae	Q
Broom, French	Genista monspessulana (L.) L. A. S. Johnson	Fabaceae	C
Broom, Scotch	Cytisus scoparius (L.) Link	Fabaceae	C
Broomrape, branched	Orobanche ramosa L.	Orobanchaceae	A
Broomrape, Cooper's	Orobanche cooperi (A. Gray) A. Heller	Orobanchaceae	A
Buttonweed, Virginia	Diodia virginiana L.	Rubiaceae	Q
Camelthorn	Alhagi maurorum Medik.	Fabaceae	A
Capegrass	Tribolium obliterum (Hemsl.) Renvoize	Poaceae	Q
Capeweed	Arctotheca calendula (L.) Levyns	Asteraceae	A
Cinquofoil, sulfur**	Potentilla recta L.	Rosaceae	Q
Comfrey, rough	Symphytum asperum Lepechin	Boraginaceae	B
Crabweed, hairy	Fatoua villosa (Thunb.) Nakai	Moraceae	Q
Creeper, bearded	Crupina vulgaris Cass.	Asteraceae	A
Dodder, native	Cuscuta spp.	Cuscutaceae	C
Dodder, non-native	Cuscuta spp.	Cuscutaceae	A
Dyer's woad	Isatis tinctoria L.	Brassicaceae	B
Eelgrass, Japanese**	Zostera japonica Ascher & Graebner	Zosteraceae	Q
False-brome, slender	Brachypodium sylvaticum (Huds.) Beauv.	Poaceae	A
Fanwort, Carolina**	Cabomba caroliniana A. Gray	Cabombaceae	Q
Field cress, Austrian	Rorippa austriaca (Crantz) Besser	Brassicaceae	B
Field cress, creeping yellow**	Rorippa sylvestris (L.) Besser	Brassicaceae	Q
Foxtail, giant	Setaria faberii R. Herm.	Poaceae	B
Frogbit**	Hydrocharis morsus-ranae L.	Hydrocharitaceae	A
Garlic, fragrant false	Nothoscordum gracile (Aiton) Stern s.l.	Alliaceae	B
Garlic, wild	Allium vineale L.	Alliaceae	B
Gaura, Drummond's	Gaura drummondii (Spach) Torr. & A. Gray	Onagraceae	B
Gaura, scarlet	Gaura coccinea Pursh	Onagraceae	B
Gaura, wavy-leaved	Gaura sinuata Ser.	Onagraceae	B
Giant-reed	Arundo donax L.	Poaceae	B
Goatgrass, barb	Aegilops triuncialis L.	Poaceae	B
Goatgrass, jointed	Aegilops cylindrica Host	Poaceae	B
Goatgrass, ovate	Aegilops ovata L.	Poaceae	B
Gorse	Ulex europaeus L.	Fabaceae	B
Groundcherry, grape	Physalis viscosa L.	Solanaceae	B
Groundcherry, long-leaf	Physalis longifolia Nutt.	Solanaceae	A
Halogeton	Halogeton glomeratus (M. Bieb.) C. A. Mey.	Chenopodiaceae	A
Harmel	Peganum harmala L.	Zygophyllaceae	A
Henbane, black	Hyoscyamus niger L.	Solanaceae	C
Hoarycress, globe-podded	Cardaria pubescens (C. A. Mey.) Jarmol.	Brassicaceae	B
Hoarycress, heart-podded	Cardaria draba (L.) Desv.	Brassicaceae	B
Hoarycress, lens-podded	Cardaria chalepensis (L.) Hand.-Mazz.	Brassicaceae	B
Horsenettle, white	Solanum elaeagnifolium Cav.	Solanaceae	B
Horsenettle, Carolina	Solanum carolinense L.	Solanaceae	B

Note: species included on the quarantine list and assigned ratings are subject to change at anytime.

\* Hrusa and Kelch 2007. \*\* No picture available.

Common name	Scientific name	Family	Rating*
Hydrilla**	Hydrilla verticillata (L. f.) Royle	Hydrocharitaceae	A
Iris, Douglas	Iris douglasiana Herb.	Iridaceae	C
Johnsongrass	Sorghum halepense (L.) Pers. & perennial spp.	Poaceae	C
Jointvetch, rough	Aeschynomene rudis Benth.	Fabaceae	A
Joyweed, sessile	Alternanthera sessilis (L.) R. Br. ex DC.	Amaranthaceae	Q
Kangaroothorn	Acacia paradoxa DC.	Fabaceae	B
Kelp	Polygonum amphibium L. var. emersum Michx.	Polygonaceae	C
Kikuyugrass	Pennisetum clandestinum Chiov.	Poaceae	C
Klamathweed	Hypericum perforatum L.	Hypericaceae	C
Knapweed, diffuse	Centaurea diffusa Lam.	Asteraceae	A
Knapweed, meadow	Centaurea ×moncktonii C. E. Britton [C. pratensis]	Asteraceae	A
Knapweed, Russian	Acroptilon repens (L.) DC.	Asteraceae	B
Knapweed, spotted	Centaurea maculosa auct. non Lam.	Asteraceae	A
Knapweed, squarrose	Centaurea squarrosa Willd., non Roth	Asteraceae	A
Knotweed, giant	Polygonum sachalinense Maxim.	Polygonaceae	B
Knotweed, Himalayan**	Polygonum polystachyum C. F. W. Meissn.	Polygonaceae	B
Knotweed, Japanese	Polygonum cuspidatum Sieb. & Zucc.	Polygonaceae	B
Lettuce, water**	Pistia stratiotes L.	Araceae	B
Loosestrife, purple	Lythrum salicaria L.	Lythraceae	B
Mallow, alkali	Malvella leprosa (Ortega) Krapov.	Malvaceae	C
Marigold, wild	Tagetes minuta L.	Asteraceae	A
Medusa-head	Taeniamia caput-medusae (L.) Nevski	Poaceae	C
Melon, dudaim	Cucumis melo L. var. dudaim (L.) Naudin	Cucurbitaceae	A
Melon, paddy	Cucumis myriocarpus Naudin	Cucurbitaceae	B
Mesquite, creeping	Prosopis strombulifera (Lam.) Benth.	Fabaceae	A
Mistletoe, European	Viscum album L.	Viscaceae	B
Mustard, purple	Chorispora tenella (Pallas) DC.	Brassicaceae	B
Nightshade, heartleaf	Solanum cardiophyllum Lindl.	Solanaceae	A
Nightshade, lanceleaf	Solanum lanceolatum Cav.	Solanaceae	B
Nightshade, Torrey's	Solanum dimidiatum Raf.	Solanaceae	A
Nightshade, white-margined	Solanum marginatum L.f.	Solanaceae	B
Nimblewill	Muhlenbergia schreberi J. F. Gmel.	Poaceae	B
Nutsedge, purple	Cyperus rotundus L.	Cyperaceae	B
Nutsedge, yellow	Cyperus esculentus L.	Cyperaceae	B
Onion, panicled	Allium paniculatum L.	Alliaceae	B
Oxygenweed**	Lagarosiphon major (Ridl.) Moss	Hydrocharitaceae	Q
Pampas grass	Cortaderia jubata (Lemoine ex Carrière) Stapf	Poaceae	B
Panicgrass, blue	Panicum antidotale Retz.	Poaceae	B
Peaweed, Austrian	Sphaerophysa salsula (Pall.) DC.	Fabaceae	A
Peppercress, perennial	Lepidium latifolium L.	Brassicaceae	B
Povertyweed	Iva axillaris Pursh	Asteraceae	C
Primrose, water	Ludwigia peruviana (L.) H. Hara	Onagraceae	Q
Punagrass	Achnatherum brachychaetum (Godr.) Barkworth	Poaceae	A
Puncturevine	Tribulus terrestris L.	Zygophyllaceae	C
Quackgrass	Elytrigia repens (L.) Desv.	Poaceae	B
Ragweed, giant	Ambrosia trifida L.	Asteraceae	B
Ragwort, Oxford	Senecio squalidus L.	Asteraceae	B
Ragwort, tansy	Senecio jacobaea L.	Asteraceae	B
Rattlebox	Sesbania punicea (Cav.) Benth.	Fabaceae	Q
Red rice, perennial wild	Oryza rufipogon Griff.	Poaceae	B
Restarrow, foxtail	Ononis alopecuroides L.	Fabaceae	Q
Rotala, roundleaf**	Rotala rotundifolia (Buch.-Ham. ex Roxb.) Koehne	Lythraceae	C
Russianthistle, barbwire	Salsola paulsenii L.	Chenopodiaceae	C
Russianthistle, common	Salsola tragus L.	Chenopodiaceae	C
Russianthistle, spineless	Salsola collina Benth.	Chenopodiaceae	Q
Sage, Mediterranean	Salvia aethiops L.	Lamiaceae	B
Sage, southern meadow	Salvia virgata L.	Lamiaceae	A
Saltcedar	Tamarix ramosissima Ledeb.	Tamaricaceae	B
Salttree, Russian	Halimodendron halodendron (Pall.) Voss	Fabaceae	A
Saltwort, wormleaf	Salsola vermiculata L.	Chenopodiaceae	A
Salvinia, giant**	Salvinia auriculata Aubl.	Salviniaceae	A

Note: species included on the quarantine list and assigned ratings are subject to change at anytime.

\* Hrusa and Kelch 2007. \*\* No picture available.

Common name	Scientific name	Family	Rating*
Salvinia, giant**	<i>Salvinia molesta</i> D. S. Mitch.	Salviniaceae	A
Sandbur, coast	<i>Cenchrus incertus</i> M. A. Curtis	Poaceae	C
Sandbur, mat	<i>Cenchrus longispinus</i> (Hackel) Fernald	Poaceae	C
Sandbur, southern	<i>Cenchrus echinatus</i> L.	Poaceae	C
Sicklepod**	<i>Senna obtusifolia</i> (L.) Irwin & Barneby.	Fabaceae	Q
Skeletonweed	<i>Chondrilla juncea</i> L.	Asteraceae	A
Sowthistle, perennial	<i>Sonchus arvensis</i> L.	Asteraceae	A
Spongeplant, N. American**	<i>Limnobium spongia</i> (Bosc.) Steud. s.s.	Hydrocharitaceae	Q
Spongeplant, S. American**	<i>Limnobium laevigatum</i> (Humb. & Bonpl. ex Willd.) Heine	Hydrocharitaceae	A
Spurge, Geraldton carnation	<i>Euphorbia terracina</i> L.	Euphorbiaceae	Q
Spurge, grass-leaf**	<i>Euphorbia graminea</i> Jacq.	Euphorbiaceae	Q
Spurge, leafy	<i>Euphorbia esula</i> L.	Euphorbiaceae	A
Spurge, oblong	<i>Euphorbia oblongata</i> Griseb.	Euphorbiaceae	B
Spurge, serrate	<i>Euphorbia serrata</i> L.	Euphorbiaceae	A
St. Johnswort, Canary Island	<i>Hypericum canariense</i> L.	Hypericaceae	Q
Starthistle, Iberian	<i>Centaurea iberica</i> Trevir. ex Spreng.	Asteraceae	A
Starthistle, purple	<i>Centaurea calcitrapa</i> L.	Asteraceae	B
Starthistle, Sicilian	<i>Centaurea sulphurea</i> Willd.	Asteraceae	B
Starthistle, yellow	<i>Centaurea solstitialis</i> L.	Asteraceae	C
Swampweed, Indian	<i>Hygrophila polysperma</i> (Roxb.) T. Anderson	Acanthaceae	Q
Swinecress	<i>Coronopus squamatus</i> (Forskall) Asch.	Brassicaceae	B
Switchgrass	<i>Panicum virgatum</i> L.	Poaceae	B
Tamarisk, Chinese**	<i>Tamarix chinensis</i> Lour.	Tamaricaceae	B
Tamarisk, French	<i>Tamarix gallica</i> L.	Tamaricaceae	B
Tamarisk, smallflower	<i>Tamarix parviflora</i> DC.	Tamaricaceae	B
Tanglehead	<i>Heteropogon contortus</i> (L.) Roem. & Schult.	Poaceae	A
Thistle, artichoke	<i>Cynara cardunculus</i> L.	Asteraceae	B
Thistle, bull	<i>Cirsium vulgare</i> (Savi) Ten.	Asteraceae	C
Thistle, Canada	<i>Cirsium arvense</i> (L.) Scop.	Asteraceae	B
Thistle, golden	<i>Scolymus hispanicus</i> L.	Asteraceae	A
Thistle, Illyrian	<i>Onopordum illyricum</i> L.	Asteraceae	A
Thistle, Italian	<i>Carduus pycnocephalus</i> L.	Asteraceae	C
Thistle, Japanese	<i>Cirsium japonicum</i> DC.	Asteraceae	Q
Thistle, musk	<i>Carduus nutans</i> L.	Asteraceae	A
Thistle, plumeless	<i>Carduus acanthoides</i> L.	Asteraceae	A
Thistle, Scotch	<i>Onopordum acanthium</i> L.	Asteraceae	A
Thistle, slenderflowered	<i>Carduus tenuiflorus</i> Curtis	Asteraceae	C
Thistle, smooth distaff	<i>Carthamus baeticus</i> (Boiss. & Reuter) Nyman	Asteraceae	B
Thistle, Taurian	<i>Onopordum tauricum</i> Willd.	Asteraceae	A
Thistle, wavyleaf	<i>Cirsium undulatum</i> (Nutt.) Spreng.	Asteraceae	A
Thistle, welted	<i>Carduus crispus</i> L.	Asteraceae	Q
Thistle, whitestem distaff	<i>Carthamus leucocaulos</i> Sibth. & Sm.	Asteraceae	A
Thistle, woolly distaff	<i>Carthamus lanatus</i> L.	Asteraceae	B
Thistle, yellowspine	<i>Cirsium ochrocentrum</i> A. Gray	Asteraceae	A
Toadflax, Dalmatian	<i>Linaria genistifolia</i> (L.) Mill. subsp <i>dalmatica</i> (L.) Marie & Petitm.	Scrophulariaceae	A
Tocalote	<i>Centaurea melitensis</i> L.	Asteraceae	C
Tree-of-heaven, Chinese	<i>Ailanthus altissima</i> (Mill.) Swingle	Simaroubaceae	C
Tussockgrass, finestem	<i>Nassella tenuissima</i> (Trin.) Barkworth	Poaceae	C
Water hyacinth, common	<i>Eichhornia crassipes</i> (Mart.) Solms	Pontederiaceae	C
Water-hyssop	<i>Bacopa monnieri</i> (L.) Pennell	Scrophulariaceae	C
Waterlily, banana	<i>Nymphaea mexicana</i> Zucc.	Nymphaeaceae	B
Watermilfoil, Eurasian	<i>Myriophyllum spicatum</i> L. non Gmel.	Haloragaceae	C
Watersprite**	<i>Ceratopteris thalictroides</i> (L.) Brogn.	Parkeriaceae	Q
Waterweed, Brazilian**	<i>Egeria densa</i> Planch.	Hydrocharitaceae	C
Waterweed, curly**	<i>Lagarosiphon major</i> (Ridl.) Moss	Hydrocharitaceae	Q
Wisteria, scarlet	<i>Sesbania punicea</i> (Cav.) Benth.	Fabaceae	Q
Witchweed	<i>Striga asiatica</i> (L.) Kuntze	Scrophulariaceae	A

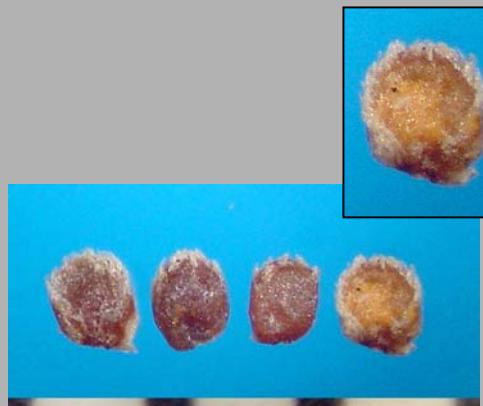
Note: species included on the quarantine list and assigned ratings are subject to change at anytime.

\* Hrusa and Kelch 2007. \*\* No picture available.

# California Noxious Weed Pest Propagules

- Propagules included here are sorted into general size categories based on the greatest dimension.
- Species may appear in more than one size category.
- Species may be shown in more than one form (e.g., seed, fruit, floret, spikelet, tuber, bulblet, etc.).
- All forms for each species may not be included here.
- The scale is in millimeters.

# Propagules less than 1 mm



Indian swampweed



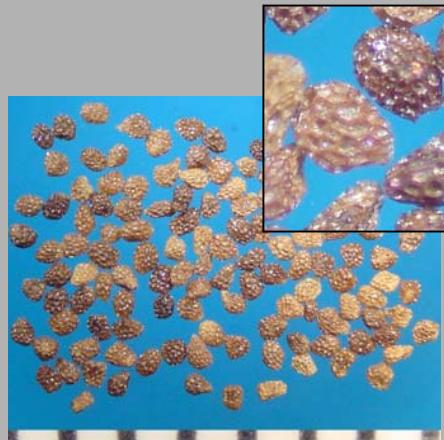
Austrian field cress



Purple loosestrife



Water-hyssop



Cooper's broomrape



Branched broomrape



Ambulia (1)



Ambulia (2)

# Propagules less than 1 mm



Water primrose



Hairy crabweed



Witchweed



French tamarisk



Smallflower tamarisk



Saltcedar

# Propagules 1 to 3 mm



Canada thistle



Tansy ragwort



Oxford  
ragwort



Plumeless  
thistle



Perennial  
sowthistle



Tocalote



Yellow starthistle



Purple  
starthistle



Diffuse  
knapweed

# Propagules 1 to 3 mm



Creeping  
brass buttons



Blueweed



Povertyweed



Yellow  
nutsedge



Purple  
nutsedge



Blue panicgrass



Giant foxtail



Capeweed

# Propagules 1 to 3 mm



Bermudagrass



Kikuyugrass



Giant foxtail



Southern sandbur



Coast sandbur



Mat sandbur



Johnsongrass

# Propagules 1 to 3 mm



Halogeton



Spineless Russianthistle



Barbwire Russianthistle



Common Russianthistle



Wormleaf saltwort

# Propagules 1 to 3 mm



Baby's breath



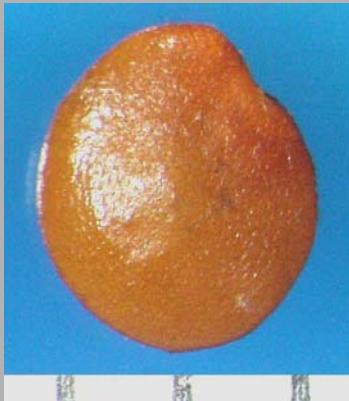
Black henbane



Grape groundcherry



Carolina  
horsenettle



White-margined  
nightshade



Long-leaf  
groundcherry



Heartleaf  
nightshade



# Propagules 1 to 3 mm



Alligatorweed



Sessile  
joyweed



Purple mustard



Perennial  
peppercress



Swinecress



Lens-podded  
hoarycress



Heart-podded  
hoarycress



Globe-podded  
hoarycress



Hoary alyssum



Dyer's woad

# Propagules 1 to 3 mm



Camelthorn



Foxtail  
restarrow



Austrian  
peaweed



French broom



Gorse



Leafy spurge



Oblong spurge



Geraldton  
carnation spurge



Mediterranean  
sage



Southern  
meadow sage

# Propagules 1 to 3 mm



Japanese knotweed



Eurasian  
watermilfoil



Field  
bindweed



Dalmatian  
toadflax



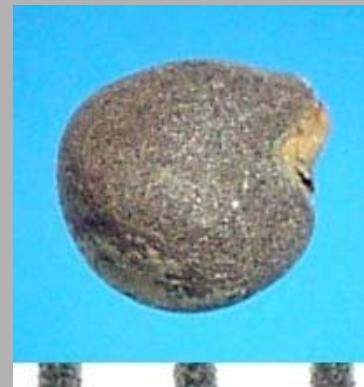
Fragrant  
false garlic



Common  
water hyacinth



Klamathweed



Alkali mallow

# Propagules 1 to 3 mm



Small-seed  
alfalfa dodder  
(non-native)



Japanese dodder  
(non-native)



Flax dodder  
(non-native)



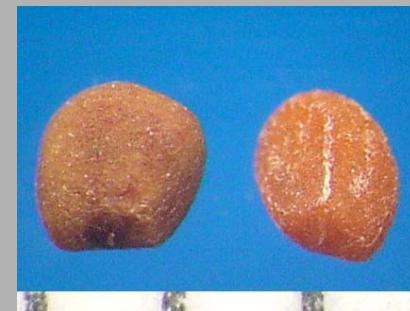
Clover dodder  
(non-native)



Common dodder,  
swamp dodder or  
scaldweed (native)



Large-seed alfalfa  
dodder or big-seed  
alfalfa dodder (native)



Field dodder or  
five-angled dodder  
(native)

# Propagules 1 to 3 mm



Austrian field cress



Perennial peppercress



Swinecress



Alligatorweed



Sessile joyweed

# Propagules 1 to 3 mm



Eurasian  
watermilfoil



Purple  
loosestrife



Capegrass



Canary Island  
St. Johnswort



Nimblewill



Purple mustard



Halogeton



Baby's breath

# Propagules greater than 3 & up to 6 mm



Biddy-biddy



Pale biddy-biddy



Sicilian starthistle



Bearded creeper

# Propagules greater than 3 & up to 6 mm



Smooth  
distaff thistle



Woolly  
distaff thistle



Whitestem  
distaff thistle



Meadow  
knapweed



Purple starthistle



Iberian starthistle



Spotted knapweed



Squarrose knapweed

# Propagules greater than 3 & up to 6 mm



Welted thistle



Smooth  
distaff thistle



Whitestem  
distaff thistle



Woolly distaff  
thistle



Japanese thistle



Bull thistle



Musk thistle



Italian thistle



Slenderflowered  
thistle

# Propagules greater than 3 & up to 6 mm



Capeweed



Scotch thistle



Taurian thistle



Illyrian thistle



Skeletonweed



Golden thistle



Russian knapweed

# Propagules greater than 3 & up to 6 mm



Kelp



Giant knotweed



Rough comfrey



Serrate spurge



Kangaroothorn



Scotch broom

# Propagules greater than 3 & up to 6 mm



Rough jointvetch



Russian salttree



Creeping mesquite



Torrey's  
nightshade



White  
horseradish



Lanceleaf  
nightshade



European  
mistletoe

# Propagules greater than 3 & up to 6 mm



Dudaim melon



Paddy melon



Syrian  
beancaper



Harmel



Virginia  
buttonweed



Bladderflower



Wild garlic



Panicled onion

# Propagules greater than 3 & up to 6 mm



Douglas iris



Western  
blue flag



Johnsongrass



Pampas  
grass



Finestem  
tussockgrass



Punagrass



Switchgrass



Southern  
sandbur



Coast  
sandbur



Mat  
sandbur

# Propagules greater than 3 & up to 6 mm



Alligatorweed



Kelp



Common  
Russianthistle



Heart-podded hoarycress



Globe-podded  
hoarycress



Lens-podded hoarycress

# Propagules greater than 3 & up to 6 mm



Alkali mallow

Rough jointvetch



Witchweed



Spineless  
Russianthistle



Virginia  
buttonweed

Geraldton  
carnation spurge

# Propagules greater than 6 mm



Southern sandbur



Coast sandbur



Mat sandbur



Giant ragweed



Diffuse  
knapweed



Squarrose  
knapweed



Puncturevine

# Propagules greater than 6 mm



Wild garlic



Yellow nutsedge



Japanese knotweed



Giant knotweed



Wormleaf saltwort



Barbwire  
Russianthistle



Water-hyssop

# Propagules greater than 6 mm



Rattlebox or Scarlet wisteria



Bridal broom

Banana waterlily



Artichoke thistle



Yellowspine thistle



Wavyleaf thistle



Perennial  
wild red rice

# Propagules greater than 6 mm



Slender  
false-  
brome



Quackgrass



Medusa-  
head



Perennial wild red rice



Tanglehead

# Propagules greater than 6 mm



Jointed goatgrass



Ovate goatgrass



Barb goatgrass



Punagrass



Wild  
marigold

# Propagules greater than 6 mm



Alkali mallow



Rough comfrey



Klamathweed



European mistletoe



Dalmatian toadflax



Field bindweed



White horseradish



Carolina horseradish

# Propagules greater than 6 mm



Indian swampweed



Purple mustard



Scarlet gaura



Drummond's gaura



Wavy-leaved gaura

# Propagules greater than 6 mm



Kikuyugrass



Syrian  
beancaper

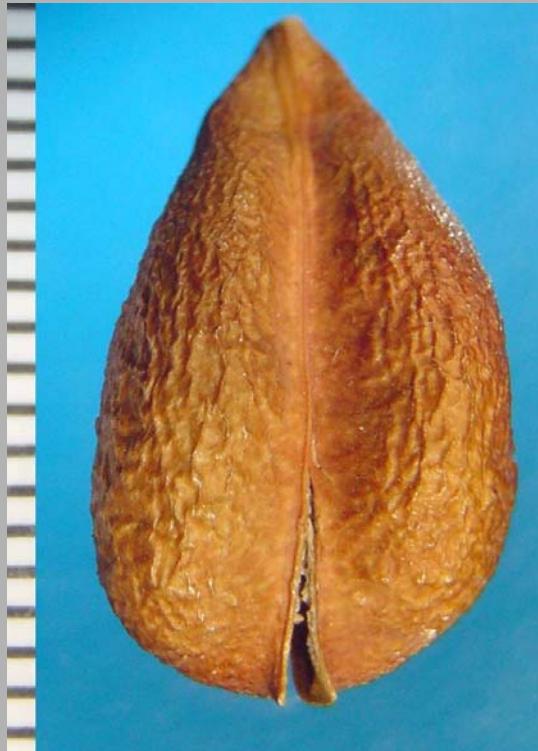


Creeping  
mesquite



Dyer's woad

# Propagules greater than 6 mm



Russian salttree



French broom



Rattlebox  
or scarlet  
wisteria



Camelthorn

# Propagules greater than 6 mm



Bridal broom



Capegrass

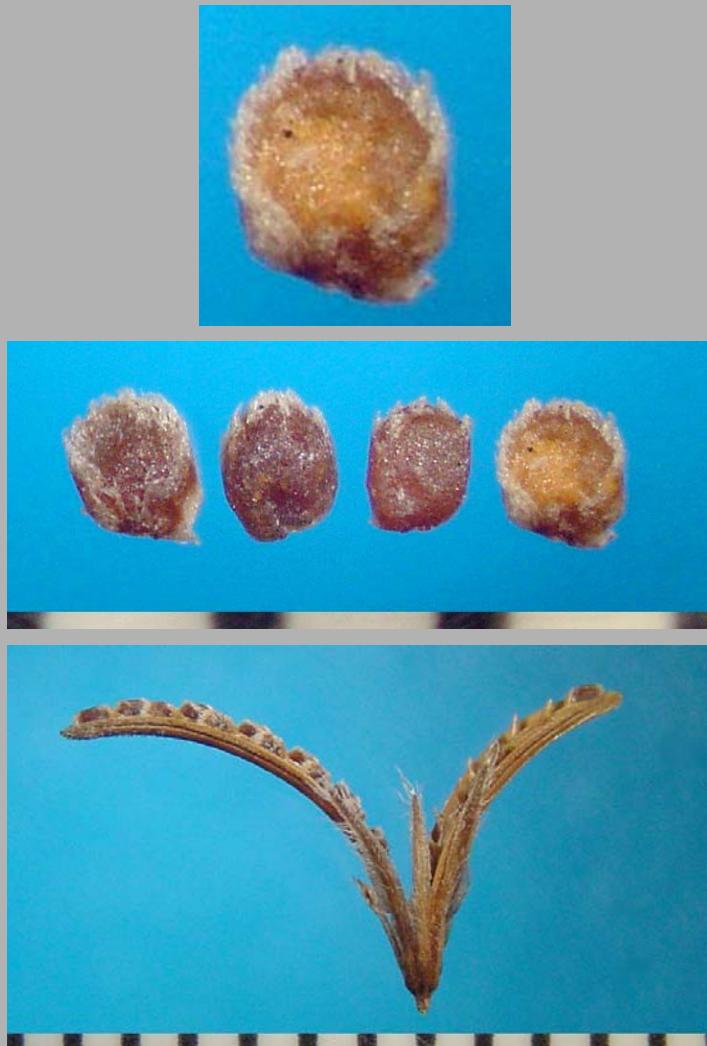


Chinese tree-of-heaven

# California Noxious Weed Pest Propagules

- Propagules included here are sorted by family.
- Species may be shown in more than one form (e.g., seed, fruit, floret, spikelet, tuber, bulblet, etc.).
- All forms for each species may not be included here.
- The scale is in millimeters.

## Acanthaceae



Indian swampweed

## Alliaceae



Fragrant  
false garlic

Panicled onion



Wild garlic

## Amaranthaceae



Sessile joyweed

## Asclepiadaceae



Bladderflower



Alligatorweed

# Asteraceae



Purple  
starthistle



Yellow starthistle



Iberian  
starthistle



Squarrose  
knapweed



Diffuse  
knapweed



Tocalote



Spotted  
knapweed



Sicilian  
starthistle



Meadow  
knapweed



Russian knapweed

# Asteraceae



Bearded creeper



Diffuse  
knapweed



Square  
knapweed



Woolly distaff thistle



Whitestem distaff thistle



Smooth distaff thistle



Giant ragweed

# Asteraceae



Welting  
thistle



Plumeless  
thistle



Musk  
thistle



Italian  
thistle



Slender-  
flowered  
thistle



Artichoke  
thistle



Wild  
marigold



Japanese  
thistle



Bull thistle



Canada  
thistle



Yellowspine  
thistle



Wavyleaf  
thistle



Perennial  
sowthistle

# Asteraceae



Capeweed



Scotch  
thistle



Taurian  
thistle



Illyrian  
thistle



Blueweed



Povertyweed



Skeletonweed



Golden thistle



Creeping  
brass buttons



Oxford  
ragwort



Tansy ragwort

## Boraginaceae

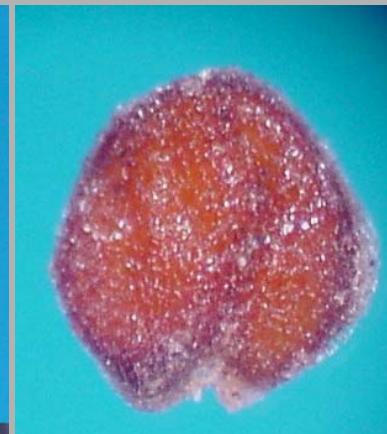


Rough comfrey

## Brassicaceae



Dyer's woad



Austrian field cress

# Brassicaceae



Lens-podded hoarycress



Globe-podded hoarycress



Heart-podded hoarycress



Perennial peppergrass

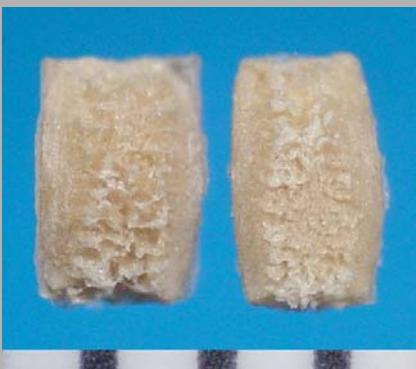
# Brassicaceae



Hoary alyssum



Swinecress



Purple mustard

## Caryophyllaceae



Baby's breath

## Chenopodiaceae



Halogeton

# Chenopodiaceae



Barbwire Russianthistle



Common Russianthistle

# Chenopodiaceae



Spineless Russianthistle



Wormleaf saltwort

# Cuscutaceae



Small-seed  
alfalfa dodder  
(non-native)



Japanese dodder  
(non-native)



Flax dodder  
(non-native)



Clover dodder  
(non-native)



Common dodder,  
swamp dodder or  
scaldweed (native)



Large-seed alfalfa  
dodder or big-seed  
alfalfa dodder (native)



Field dodder or  
five-angled dodder  
(native)

## Convolvulaceae



Field bindweed

## Cyperaceae



Yellow nutsedge

## Cucurbitaceae



Dudaim melon



Paddy melon



Purple nutsedge

## Euphorbiaceae



Serrate  
spurge



Leafy  
spurge



Oblong  
spurge

## Fabaceae



French broom



Gorse



Geraldton carnation spurge



Kangaroothorn



Scotch broom

# Fabaceae



Creeping  
mesquite



Camelthorn



Bridal broom



Russian  
salttree



Foxtail  
restharrow



Austrian  
peaweed

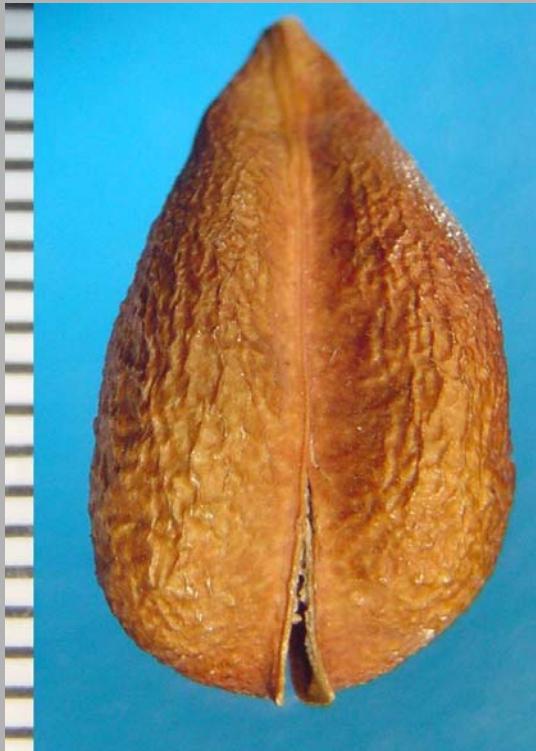


Rough  
jointvetch



Rattlebox or Scarlet wisteria

# Fabaceae



Russian salttree



French broom

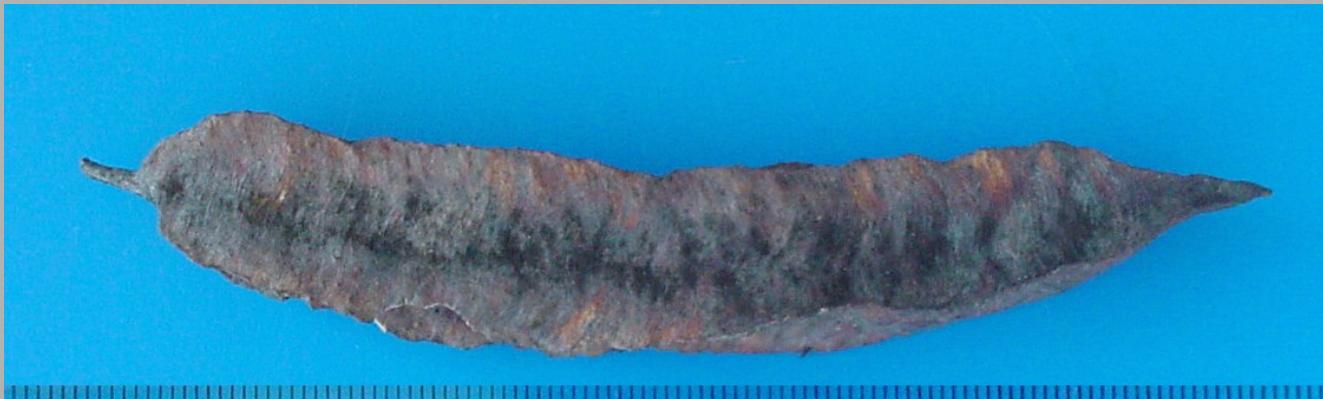


Creeping  
mesquite



Camelthorn

# Fabaceae



Rattlebox or scarlet wisteria



Bridal broom



Rough jointvetch

## Hypericaceae



Canary Island  
St. Johnswort



Klamathweed



## Haloragaceae



## Iridaceae



Douglas iris



Western blue flag



Eurasian watermilfoil

## Lamiaceae



Mediterranean  
sage



Southern  
meadow sage

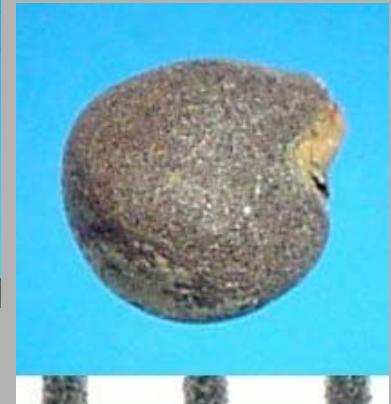
## Malvaceae



## Lythraceae



Purple loosestrife



Alkali mallow

## Moraceae



Hairy crabweed

## Onagraceae



## Nymphaeaceae



Banana waterlily



Water primrose

## Onagraceae



Scarlet gaura



Wavy-leaved gaura

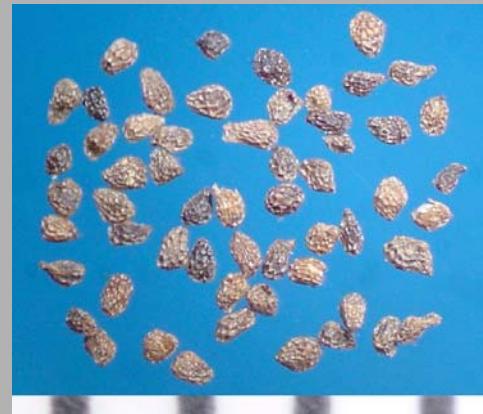


Drummond's gaura

## Orobanchaceae



Cooper's broomrape



Branched broomrape

# Poaceae



Slender  
false-  
brome

Quack-  
grass

Medusa-  
head

Perennial wild  
red rice

Tanglehead

Kikuyugrass

# Poaceae



Bermudagrass



Pampas grass



Punagrass



Johnsongrass



Switchgrass



Blue panicgrass



Giant foxtail

# Poaceae



Southern sandbur



Coast sandbur



Finestem  
tussockgrass



Mat sandbur



Capegrass



Nimblewill

# Poaceae



Bermuda-  
grass



Jointed  
goatgrass



Ovate  
goatgrass



Barb  
goatgrass



Punagrass

# Poaceae



Bermudagrass



Kikuyugrass



Giant foxtail



Johnsongrass



Southern sandbur



Coast sandbur



Mat sandbur



Perennial  
wild red rice

# Polygonaceae



Kelp



Japanese knotweed



Giant knotweed



Kelp



Japanese knotweed



Giant knotweed

## Rosaceae



Biddy-biddy



Pale biddy-biddy

## Pontederiaceae



Common water hyacinth

## Rubiaceae



Virginia buttonweed



# Scrophulariaceae



Ambulia (1)



Ambulia (2)



Dalmatian toadflax

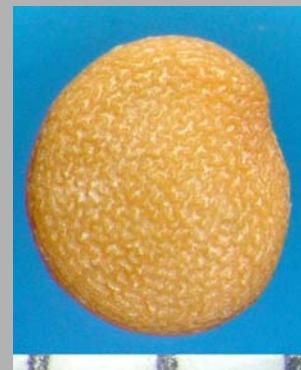


Water-hyssop



Witchweed

# Solanaceae



Lanceleaf  
nightshade

Long-leaf  
groundcherry

Heartleaf  
nightshade

Black  
henbane

Grape groundcherry



White horseradish

White-margined  
nightshade

Torrey's  
nightshade

Carolina horseradish

# Simaroubaceae



Chinese tree-of-heaven

# Tamaricaceae



French tamarisk



Smallflower tamarisk



Saltcedar

## Viscaceae



## Zygophyllaceae



Harmel

Puncturevine



European mistletoe



Syrian beancaper

## CALIFORNIA QUARANTINE POLICY - WEEDS

The regulations of the interstate movement of weed pests into California is provided for in three areas of law and their related regulations:

1. **Food and Agricultural Code, Division 4.** Plant Quarantine and Pest Control provides quarantine authority against weed pests under Sections 6305 (unlawful to transport seed pests), 6341 through 6344 (seed pests in shipments), or 6461 through 6465 (abatement, reshipment, or treatment). These sections allow for the rejection of "A" and "Q"-rated weed pests whenever found and/or "B" or "C"-rated weed pests based on individual county weed policy. Section 6461.5 is only applicable to weeds when a specimen has been collected from a shipment; "reasonable cause" cannot be used to reject without a sample of the weeds or weed seeds.
2. **Food and Agriculture Division 18., Chapter 2, California Seed Law Sections 52251 through 52515** regulates "noxious weed" (Food and Agriculture 5004) seed found in agricultural or vegetable seed. The law allows for designation of "prohibited noxious weed seed" and "restricted noxious weed seed" for the adoption of standards and tolerances. Rejection and disposition of shipments, if not justified under quarantine action, are based on label requirements that are subject to tolerances.
3. **The Plant Protection Act (Title IV of the federal Agriculture Risk Protection Act of 2000)** replaces 10 existing federal laws with one statutory framework. This new act provides the USDA with the ability to prohibit or restrict imports, exports or interstate movements of noxious weeds.

### **Subtitle A of the Plant Protection Act:**

**Section 412:** The USDA may prohibit or restrict the importation, entry, exportation, or movement in interstate commerce of any plant, plant product, biological control organism, noxious weed, article or means of conveyance, if the USDA determines that the prohibition or restriction is necessary to prevent the introduction into the United States or the dissemination of a plant pest or noxious weed within the United States.

**Section 414:** If the USDA considers it necessary in order to prevent the dissemination of a plant pest or noxious weed that is new to or not known to be widely prevalent or distributed within and throughout the United States, the USDA may hold, seize, quarantine, treat, apply other remedial measures to, destroy or otherwise dispose of any plant, plant pest, noxious weed, biological control organism, plant product, article or means of conveyance.

**Note:** regulations issued under the authority of a provision of any law repealed by the Plant Protection Act shall remain in effect until such time as the USDA issues a regulation that supersedes the earlier regulation. The USDA is actively reviewing and revising existing noxious weed regulations at this time.

### A & Q RATED WEEDS

Except as provided in Section 3556 of the California Code of Regulations (California Feed Grain Program), shipments infested with any mature seed or other parts capable of propagation of any of the following species, shall be rejected whenever found and disposition offered as provided in Sections 6305, 6341 through 6344, or 6461 through 6465 of the Food and Agricultural Code.

- \* *Acaena nova-zelandiae* (= *A. anserinifolia* in part as used previously, and of British and Australian authors.) (biddy biddy)
- \* *Acaena pallida* (= *A. anserinifolia* in part as used previously.) (pale biddy biddy)
- \* *Achnatherum brachychaetum* (= *Stipa brachychaeta*) (punagrass)

- \* *Aeschynomene rudis* (rough jointvetch)
- \* *Alhagi maurorum* *sensu lato* (= *A.pseudalhagi*) (camel thorn)
- \* *Alternanthera philoxeroides* (alligatorweed)
- \* *Alternanthera sessilis* (sessile joyweed)
- \*\* *Arctotheca calendula* (capeweed)
- Brachypodium sylvaticum* (slender false brome)
- Cabomba caroliniana* (Carolina fanwort)
- \* *Carduus acanthoides* (plumeless thistle)
- \* *Carduus nutans* (musk thistle)
- \* *Carthamus leucocaulos* (whitestem distaff thistle)
- \*\* *Centaurea diffusa* (diffuse knapweed)
- \*\* *Centaurea iberica* (Iberian starthistle)
- \*\* *Centaurea maculosa* (spotted knapweed)
- \*\* *Centaurea squarrosa* (squarrose knapweed)
- Ceratopteris thalictroides* (watersprite)
- \* *Chondrilla juncea* (skeletonweed)
- Cirsium japonicum* (Japanese thistle)
- \*\* *Cirsium ochrocentrum* (yellowspine thistle)
- \*\* *Cirsium undulatum* (wavyleaf thistle)
- \* *Crupina vulgaris* (bearded creeper)
- \*\* *Cucumis melo* var. *dudaim* (dudaim melon)
- \*\* *Cuscuta reflexa* (giant dodder)
- Diodia virginiana* (Virginia buttonweed)
- \*\* *Euphorbia esula* (leafy spurge)
- \*\* *Euphorbia serrata* (serrate spurge)
- Euphorbia terracina* (Geraldton carnation spurge)
- \* *Halimodendron halodendron* (Russian salt tree)
- \*\*\* *Halogekton glomeratus* (halogeton)
- \*\* *Helianthus ciliaris* (blueweed)
- \* *Heteropogon contortus* (tanglehead)
- \*\* *Hydrilla verticillata* (hydrilla)
- \*\*\* *Hydrocharis morsus-ranae* (European frog bit)
- Hygrophila polysperma* (Indian swampweed)
- Lagarosiphon major* (curly waterweed, oxygenweed)
- Limnobium laevigatum* (South American spongeplant)
- Limnobium spongia* (spongeplant)
- Limnophila indica* (ambulia)
- \* *Linaria genistifolia* ssp. *dalmatica* (= *L. dalmatica*) (Dalmatian toadflax)
- Ludwigia peruviana* (water primrose)
- Nassella tenuissima* (finestream tussockgrass, feathergrass)
- Ononis alopecuroides* (foxtail restarrow)
- Onopordum acanthium* (Scotch thistle)
- Onopordum illyricum* (Illyrian thistle)
- Onopordum tauricum* (Taurian thistle)
- \*\* *Onopordum* spp. (*Onopordum* thistles)
- \* *Orobanche cooperi* (Cooper's broomrape) (= *O. cooperi* as used in Munz "A California Flora of S. California.") (= *O. multiflora* as used in Correll and Johnson's "Manual of the Vascular Plants of Texas".) (desert broomrape)
- \* *Orobanche ramosa* (branched broomrape)
- \* *Peganum harmala* (harmel)
- \* *Physalis longifolia* (long-leaf groundcherry)
- \* *Prosopis strombulifera* (creeping mesquite)
- Rorippa sylvestris* (creeping yellow field cress)
- \* *Salsola collina* (spineless Russianthistle)
- \* *Salsola vermiculata* *sensu lato* (wormleaf saltwort)
- \* *Salvia virgata* (= *S.pratensis.*) (meadow sage)
- Salvinia auriculata* complex (including *S. auriculata*, *S. biloba*, *S. herzogii* and *S. molesta*) (giant salvinia)
- \* *Scolymus hispanicus* (golden thistle)
- Senna obtusifolia* (sicklepod, Java bean)
- | *Sesbania punicea* (= *S. tripetii*) (rattlebox, scarlet wisteria)
- \*\* *Solanum cardiophyllum* (heartleaf nightshade)
- \* *Solanum dimidiatum* (Torrey's nightshade)
- \*\* *Sonchus arvensis* (perennial sowthistle)
- \* *Sphaerophysa salsula* (Austrian peaweed)
- \* *Striga asiatica* (= *S. lutea*) (witchweed)

- \* *Tagetes minuta* (wild marigold)
- Tribolium obliterum* (Cape grass)**
- \* *Zygophyllum fabago* (= *Z. fabago* var. *brachycarpum*) (**Syrian beancaper**)

- \* Found in Transit – Unlikely
- \*\* Found in Transit – Rarely
- \*\*\* Found in Transit -- Frequently

## B & C RATED WEEDS

Except as provided in Section 3556 of the California Code of Regulations (California Feed Grain Program), shipments infested with any mature seed or other parts capable of propagation of any of the following species shall be rejected only when in the area of destination: (1) the weed pest is not of common occurrence or (2) if intensive control or eradication measures are being conducted against such a pest.

- \* *Acacia paradoxa* (= *A. armata*) (kangaroo thorn)
- \*\*\* *Acroptilon repens* (= *Centurea repens*) (Russian knapweed)
- \* *Aegilops cylindrica* (jointed goatgrass)
- \* *Aegilops ovata* (ovate goatgrass)
- \* *Aegilops triuncialis* (barb goatgrass)
- \* *Allium paniculatum* (panicked onion)
- \*\* *Allium vineale* (wild garlic)
- \*\* *Ambrosia trifida* (giant ragweed)
- \* *Araujia sericifera* (bladderflower)
- Bacopa monnieri* (water hyssop, moneywort)**
- \*\*\* *Cardaria chalepensis* (lens-podded hoarycress)
- \*\*\* *Cardaria draba* (heart-podded hoarycress)
- \*\*\* *Cardaria pubescens* (globe-podded hoarycress)
- \*\* *Carduus pycnocephalus* (Italian thistle)
- \*\* *Carduus tenuiflorus* (slenderflowered thistle)
- \* *Carthamus baeticus* (smooth distaff thistle)
- \* *Carthamus lanatus* (woolly distaff thistle)
- \*\* *Cenchrus echinatus* (southern sandbur grass)
- \*\* *Cenchrus incertus* (coast sandbur grass)
- \*\* *Cenchrus longispinus* (mat sandbur grass)
- \*\*\* *Centaurea calcitrapa* (purple starthistle)
- \*\*\* *Centaurea solstitialis* (yellow starthistle)
- \* *Centaurea sulphurea* (Sicilian thistle)
- \*\* *Chorispora tenella* (purple mustard)
- \*\*\* *Cirsium arvense* (Canada thistle)
- \*\* *Convolvulus arvensis* (field bindweed)
- \* *Coronopus squamatus* (swinecress)
- Cotula mexicana* (creeping brass buttons)**
- \* *Cucumis myriocarpus* (paddy melon)
- \*\*\* *Cuscuta* spp. except *C. reflexa* (dodder)
- \*\* *Cynara cardunculus* (artichoke thistle)
- \*\*\* *Cynodon* spp. and hybrids (bermudagrass)
- \*\* *Cyperus esculentus* (yellow nutsedge)
- \*\* *Cyperus rotundus* (purple nutsedge)
- \* *Cytisus scoparius* (Scotch broom)
- \*\*\* *Eichhornia crassipes* (**common** water hyacinth)
- \*\*\* *Elytrigia repens* (= *Agropyron repens*) (quackgrass)
- \* *Euphorbia oblongata* (oblong spurge)
- \*\* *Gaura coccinea* (scarlet gaura)
- \*\* *Gaura drummondii* (Drummond's gaura)
- \*\* *Gaura sinuata* (wavy-leaved gaura)
- \* *Genista monspessulana* (= *Cystis monspessulanus*) (French broom)
- \* *Gypsophila paniculata* (baby's breath)
- \* *Hyoscyamus niger* ((black henbane)
- \*\* *Hypericum perforatum* (Klamathweed)
- \* *Iris douglasiana* (Douglas iris)
- \* *Iris missouriensis* (Western blue flag)
- \* *Isatis tinctoria* (dyer's woad)

- \*\* *Iva axillaris* (povertyweed)
- \*\* *Lepidium latifolium* (perennial peppercress)
- \* *Lythrum salicaria* (purple loosestrife)
- \*\* *Malvella leprosa* (= *Sida leprosa* var. *hederacea*) (alkali mallow)
- \* *Muhlenbergia schreberi* (nimblewill)
- Myriophyllum spicatum* (Eurasian water milfoil)**
- \* ***Nothoscordum gracile* (false garlic)**
- \* *Nymphaea mexicana* (banana waterlily)
- \*\* *Oryza rufipogon* (**perennial** wild red rice)
- \* *Panicum antidotale* (blue panicgrass)
- \* *Pennisetum clandestinum* (Kikuyugrass)
- \* *Physalis viscosa* (grape groundcherry)
- \*\*\* ***Pistia stratiotes* (water lettuce)**
- \* *Polygonum amphibium* var. *emersum* (kelp)
- \* *Polygonum cuspidatum* (Japanese knotweed)
- \* *Polygonum polystachyum* (Himalayan knotweed)
- \* *Polygonum sachalinense* (giant knotweed)
- \* *Roripa austriaca* (Austrian fieldcress)
- Rotala rotundifolia* (roubleaf rotala)**
- \*\*\* *Salsola paulsenii* (barbwire Russianthistle)
- \*\*\* *Salsola tragus* (= *S. iberica*) (**common** Russianthistle)
- \*\* *Salvia aethiopis* (Mediterranean sage)
- \*\* *Senecio jacobaea* (tansy ragwort)
- \* *Senecio squalidus* (Oxford ragwort)
- \*\* *Setaria faberi* (giant foxtail)
- \*\* *Solanum carolinense* (Carolina horsenettle)
- \*\* *Solanum elaeagnifolium* (white horsenettle)
- \* *Solanum lanceolatum* (lanceleaf nightshade)
- \* *Solanum marginatum* (white-margined nightshade)
- \*\*\* *Sorghum halepense* (Johnsongrass and other perennial *Sorghum* spp. including but not limited to *Sorghum alnum* and perennial sweet sudangrass)
- \* *Symphtum asperum* (rough comfrey)
- \* *Taeniatherum caput-medusae* (*Elymus caput-medusae* or *T. asperum*) (medusahead)
- \*\* *Tribulus terrestris* (puncture vine)
- \* *Ulex europaeus* (gorse)
- \* *Viscum album* (European mistletoe)
- \* Found in Transit – Unlikely
- \*\* Found in Transit – Rarely
- \*\*\* Found in Transit – Frequently

## PLANT PROTECTION ACT

03-23-01

The following mature plants, seeds, or other parts capable of propagation are within the definition of a "noxious weed" under regulations pursuant to the Plant Protection Act and shall not be moved unless under permit from the USDA, Plant Protection and Quarantine Programs. For material moving within the State, a State permit is sufficient.

### a. Aquatic and Wetland Weeds:

- Azolla pinnata*
- Caulerpa taxifolia* (Mediterranean clone)
- Eichhornia azurea*
- ◆ *Hydrilla verticillata*
- *Hydrophila polysperma*
- *Ipomoea aquatica*
- Lagarosiphon major*
- ◆ *Limnophila sessiliflora*
- Monochoria hastata*
- ◆ *Monochoria vaginalis*
- Ottelia alismoides*
- *Sagittaria sagittifolia*
- Salvinia auriculata*
- Salvinia biloba*
- Salvinia herzogii*
- ◆ *Salvinia molesta*

*Solanum tampicense* (wetland nightshade)  
*Sparganium erectum*  
*Stratiotes aloides*

*Prosopis ferox*  
*Prosopis fiebrigii*  
*Prosopis hassleri*  
*Prosopis humilis*  
*Prosopis kuntzei*  
*Prosopis pallida*  
*Prosopis palmeri*  
*Prosopis reptans*  
*Prosopis rojasiana*  
*Prosopis ruizleali*  
*Prosopis ruscifolia*  
*Prosopis sericantha*  
*Prosopis strombulifera*  
*Prosopis torquata*  
*Rottboellia cochinchinensis*  
*Rubus fruticosus*  
*Rubus moluccanus*  
*Saccharum spontaneum*  
*Salsola vermiculata*  
■ *Setaria pallide-fusca*  
■ *Solanum torvum*  
*Solanum viarum*  
*Spermacoce alata*  
*Tridax procumbens*  
*Urochloa panicoides*

**b. Parasitic Weeds:**

- Aeginetia* spp.
- Alectra* spp.
- ◆ *Cuscuta* spp. *f*
- ◆ *Orobanche* spp. *ff*
- Striga* spp.

**c. Terrestrial Weeds:**

- Ageratina adenophora*
- Alternanthera sessilis*
- Asphodelus fistulosus*
- Avena sterilis* (including  
*A. ludoviciana*)
- Carthamus oxyacantha*
- Chrysopogon aciculatus*
- ◆ *Commelina benghalensis*
- ◆ *Crupina vulgaris*
- Digitaria scalarum*
- Digitaria velutina*
- Drymaria arenarioides*
- Emex australis*
- Emex spinosa*
- Galega officinalis*
- Heracleum mantegazzianum*
- Homeria* spp.
- *Imperata brasiliensis*
- *Imperata cylindrica*
- Ischaemum rugosum*
- ◆ *Leptochloa chinensis*
- *Lycium ferocissimum*
- *Melaleuca quenquinervia*
- Melastoma malabathricum*
- Mikania cordata*
- Mikania micrantha*
- Mimosa invisa*
- Mimosa pigra* var *pigra*
- *Nassella trichotoma*
- *Opuntia aurantiaca*
- Oryza longistaminata*
- ◆ *Oryza punctata*
- ◆ *Oryza rufipogon*
- Paspalum scrobiculatum*
- *Pennisetum clandestinum*
- Pennisetum macrourum*
- Pennisetum pedicellatum*
- Pennisetum polystachyon*
- Prosopis alpataco*
- Prosopis argentina*
- Prosopis articulata*
- Prosopis burkartii*
- Prosopis caldenia*
- Prosopis calingastana*
- Prosopis campestris*
- Prosopis castellanossii*
- Prosopis denudans*
- Prosopis elata*
- Prosopis farcta*

*f* See 7 CFR 360 for exceptions

*ff* See 7 CFR 360 for exceptions

- May be moved intrastate without a permit. Grown and/or distributed as produce in California.
- May be moved intrastate with a permit.
- ◆ Known to occur and of limited distribution in California. Interstate, intrastate and international movement require appropriate USDA or CDFA plant pest permit.

**Other movement of all other listed species requires a USDA permit for interstate or international shipments.**

*This weed policy does not restrict the designation as a pest of any species not listed herein as defined in Section 5006 of the Food and Agricultural Code.*

## **CALIFORNIA QUARANTINE POLICY - WEEDS**

*The following chart indicates the commissioner's weed policy covering "B" & "C." weeds.*

Reject

Reject only when found in seed for planting or at the discretion of the Agriculture Commissioner

1,2&3 – Bird seed infested with “B” or “C”: rated weed seed: 1. Treat as shown in above chart. 2. Release 3. Handle as feed grain

The commissioner's weed policy covering "B" & "C" rated weeds (including seeds) chart continued.

County	Weed	Klamath Weed	Lanceleaf Nightshade	Mediterranean Sage	Medusanead	Nimblewill	Oblong Spurge	Paddy Melon	Panicle Onion	Perennial Pepperweed	Poverty Weed	Puncture Vine	Purple Mustard	Purple Nutgrass	Purple Starthistle	QuackGrasses	Rough Comfrey	Russian Knapweed	Sandbur Grasses	Satintail	Scarlet Gaura	Drummond's Gaura	Scotch Broom	Sicilian Thistle	Stemless Thistle	Tansy Ragwort	Wavy - Leaved Gaura	White Horse nettle	White - Margined Nightshade	Wild Garlic	Yellow Nutgrass	Yellow Starthistle
1 Alameda	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
1 Amador	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Butte	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Calaveras	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
2 Colusa	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Contra Costa	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Del Norte	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 El Dorado	X	●	●	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Fresno	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Glenn	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Humboldt	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Imperial	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
1 Inyo-Mono	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Kern	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Kings	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Lake	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Lassen	X	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
3 Los Angeles	●	●	X	X	●	●	X	●	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Madera	X	X	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Marin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
1 Mariposa	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Mendocino	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Merced	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Modoc	●	●	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Monterey	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Napa	X	X	●	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Nevada	X	X	●	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Orange	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
1 Placer	●	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Plumas-Sierra	X	●	X	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Riverside	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
2 Sacramento	●	●	X	●	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 San Benito	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
San Bernardino	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 San Diego	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
San Francisco	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 San Joaquin	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 San Luis Obispo	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 San Mateo	●	●	X	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
1 Santa Barbara	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Santa Clara	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
2 Santa Cruz	●	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Shasta	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Siskiyou	X	X	X	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
1 Solano	X	●	X	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Sonoma	X	●	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Stanislaus	●	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Sutter	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Tehama	●	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Trinity	●	●	NO	POLICY	FOR	"B"	&	"C"	RATED	WEEDS																						
1 Tulare	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Tuolumne	X	●	●	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
1 Ventura	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Yolo	X	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
1 Yuba	●	X	X	X	X	X	X	X	X	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				

Reject

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1,2&3 – Bird seed infested with "B" or "C": rated weed seed: 1. Treat as shown in above chart. 2. Release 3. Handle as feed grain

# California Noxious Weed Quarantine List

## Noxious weed species sorted by scientific name.

Scientific name	Common name	Family	Rating*
<i>Acacia paradoxa</i> DC.	Kangaroothorn	Fabaceae	B
<i>Acaena magellanica</i> (Lam.) Vahl	Bidi-bidi**	Rosaceae	B
<i>Acaena novae-zelandiae</i> Kirk	Biddy-biddy	Rosaceae	A
<i>Acaena pallida</i> (Kirk) H. H. Allan	Biddy-biddy, pale	Rosaceae	A
<i>Achnatherum brachychaetum</i> (Godr.) Barkworth	Punagrass	Poaceae	A
<i>Acroptilon repens</i> (L.) DC.	Knapweed, Russian	Asteraceae	B
<i>Aegilops cylindrica</i> Host	Goatgrass, jointed	Poaceae	B
<i>Aegilops ovata</i> L.	Goatgrass, ovate	Poaceae	B
<i>Aegilops triuncialis</i> L.	Goatgrass, barb	Poaceae	B
<i>Aeschynomene rudis</i> Benth.	Jointvetch, rough	Fabaceae	A
<i>Ailanthus altissima</i> (Mill.) Swingle	Tree-of- heaven, Chinese	Simaroubaceae	C
<i>Alhagi maurorum</i> Medik.	Camelthorn	Fabaceae	A
<i>Allium paniculatum</i> L.	Onion, panicle	Alliaceae	B
<i>Allium vineale</i> L.	Garlic, wild	Alliaceae	B
<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	Alligatorweed	Amaranthaceae	A
<i>Alternanthera sessilis</i> (L.) R. Br. ex DC.	Joyweed, sessile	Amaranthaceae	Q
<i>Ambrosia trifida</i> L.	Ragweed, giant	Asteraceae	B
<i>Araujia sericifera</i> Brot.	Bladderflower	Asclepiadaceae	B
<i>Arctotheca calendula</i> (L.) Levyns	Capeweed	Asteraceae	A
<i>Arundo donax</i> L.	Giant-reed	Poaceae	B
<i>Bacopa monnieri</i> (L.) Pennell	Water-hyssop	Scrophulariaceae	C
<i>Berteroa incana</i> (L.) DC.	Alyssum, hoary	Brassicaceae	Q
<i>Brachypodium sylvaticum</i> (Huds.) Beauv.	False-brome, slender	Poaceae	A
<i>Cabomba caroliniana</i> A. Gray	Fanwort, Carolina**	Cabombaceae	Q
<i>Cardaria chalepensis</i> (L.) Hand.-Mazz.	Hoarycress, lens-podded	Brassicaceae	B
<i>Cardaria draba</i> (L.) Desv.	Hoarycress, heart-podded	Brassicaceae	B
<i>Cardaria pubescens</i> (C. A. Mey.) Jarmol.	Hoarycress, globe-podded	Brassicaceae	B
<i>Carduus acanthoides</i> L.	Thistle, plumeless	Asteraceae	A
<i>Carduus crispus</i> L.	Thistle, welted	Asteraceae	Q
<i>Carduus nutans</i> L.	Thistle, musk	Asteraceae	A
<i>Carduus pycnocephalus</i> L.	Thistle, Italian	Asteraceae	C
<i>Carduus tenuiflorus</i> Curtis	Thistle, slenderflowered	Asteraceae	C
<i>Carthamus baeticus</i> (Boiss. & Reuter) Nyman	Thistle, smooth distaff	Asteraceae	B
<i>Carthamus lanatus</i> L.	Thistle, woolly distaff	Asteraceae	B
<i>Carthamus leucocaulos</i> Sibth. & Sm.	Thistle, whitestem distaff	Asteraceae	A
<i>Cenchrus echinatus</i> L.	Sandbur, southern	Poaceae	C
<i>Cenchrus incertus</i> M. A. Curtis	Sandbur, coast	Poaceae	C
<i>Cenchrus longispinus</i> (Hackel) Fernald	Sandbur, mat	Poaceae	C
<i>Centaurea ×moncktonii</i> C. E. Britton [C. pratensis]	Knapweed, meadow	Asteraceae	A
<i>Centaurea calcitrapa</i> L.	Starthistle, purple	Asteraceae	B
<i>Centaurea diffusa</i> Lam.	Knapweed, diffuse	Asteraceae	A
<i>Centaurea iberica</i> Trevir. ex Spreng.	Starthistle, Iberian	Asteraceae	A
<i>Centaurea maculosa</i> auct. non Lam.	Knapweed, spotted	Asteraceae	A
<i>Centaurea melitensis</i> L.	Tocalote	Asteraceae	C
<i>Centaurea solstitialis</i> L.	Starthistle, yellow	Asteraceae	C
<i>Centaurea squarrosa</i> Willd., non Roth	Knapweed, squarrose	Asteraceae	A
<i>Centaurea sulphurea</i> Willd.	Starthistle, Sicilian	Asteraceae	B
<i>Ceratopteris thalictroides</i> (L.) Brogn.	Watersprite**	Parkeriaceae	Q
<i>Chondrilla juncea</i> L.	Skeletonweed	Asteraceae	A
<i>Chorispora tenella</i> (Pallas) DC.	Mustard, purple	Brassicaceae	B
<i>Cirsium arvense</i> (L.) Scop.	Thistle, Canada	Asteraceae	B
<i>Cirsium japonicum</i> DC.	Thistle, Japanese	Asteraceae	Q
<i>Cirsium ochrocentrum</i> A. Gray	Thistle, yellowspine	Asteraceae	A
<i>Cirsium undulatum</i> (Nutt.) Spreng.	Thistle, wavyleaf	Asteraceae	A
<i>Cirsium vulgare</i> (Savi) Ten.	Thistle, bull	Asteraceae	C
<i>Convolvulus arvensis</i> L.	Bindweed, field	Convolvulaceae	C
<i>Coronopus squamatus</i> (Forskall) Asch.	Swinecress	Brassicaceae	B
<i>Cortaderia jubata</i> (Lemoine ex Carrière) Stapf	Pampas grass	Poaceae	B
<i>Cotula mexicana</i> (DC.) Cabrera	Brass buttons, creeping	Asteraceae	C

Note: species included on the quarantine list and assigned ratings are subject to change at anytime.

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\* Hrusa and Kelch 2007. \*\* No picture available.

# California Noxious Weed Quarantine List

Scientific name	Common name	Family	Rating*
<i>Crupina vulgaris</i> Cass.	Creeper, bearded	Asteraceae	A
<i>Cucumis melo</i> L. var. <i>dudaim</i> (L.) Naudin	Melon, dudaim	Cucurbitaceae	A
<i>Cucumis myriocarpus</i> Naudin	Melon, paddy	Cucurbitaceae	B
<i>Cuscuta</i> spp.	Dodder, native	Cuscutaceae	C
<i>Cuscuta</i> spp.	Dodder, non-native	Cuscutaceae	A
<i>Cynara cardunculus</i> L.	Thistle, artichoke	Asteraceae	B
<i>Cynodon</i> spp. & hybrids	Bermudagrass	Poaceae	C
<i>Cyperus esculentus</i> L.	Nutsedge, yellow	Cyperaceae	B
<i>Cyperus rotundus</i> L.	Nutsedge, purple	Cyperaceae	B
<i>Cytisus scoparius</i> (L.) Link	Broom, Scotch	Fabaceae	C
<i>Diodia virginiana</i> L.	Buttonweed, Virginia	Rubiaceae	Q
<i>Egeria densa</i> Planch.	Waterweed, Brazilian**	Hydrocharitaceae	C
<i>Eichhornia crassipes</i> (Mart.) Solms	Water hyacinth, common	Pontederiaceae	C
<i>Elytrigia repens</i> (L.) Desv.	Quackgrass	Poaceae	B
<i>Euphorbia esula</i> L.	Spurge, leafy	Euphorbiaceae	A
<i>Euphorbia graminea</i> Jacq.	Spurge, grass-leaf	Euphorbiaceae	Q
<i>Euphorbia oblongata</i> Griseb.	Spurge, oblong	Euphorbiaceae	B
<i>Euphorbia serrata</i> L.	Spurge, serrate	Euphorbiaceae	A
<i>Euphorbia terracina</i> L.	Spurge, Geraldton carnation	Euphorbiaceae	Q
<i>Fatoua villosa</i> (Thunb.) Nakai	Crabweed, hairy	Moraceae	Q
<i>Gaura coccinea</i> Pursh	Gaura, scarlet	Onagraceae	B
<i>Gaura drummondii</i> (Spach) Torr. & A. Gray	Gaura, Drummond's	Onagraceae	B
<i>Gaura sinuata</i> Ser.	Gaura, wavy-leaved	Onagraceae	B
<i>Genista monspessulana</i> (L.) L. A. S. Johnson	Broom, French	Fabaceae	C
<i>Gypsophila paniculata</i> L.	Baby's breath	Caryophyllaceae	B
<i>Halimodendron halodendron</i> (Pall.) Voss	Saltree, Russian	Fabaceae	A
<i>Halogeton glomeratus</i> (M. Bieb.) C. A. Mey.	Halogeton	Chenopodiaceae	A
<i>Helianthus ciliaris</i> DC.	Blueweed	Asteraceae	A
<i>Heteropogon contortus</i> (L.) Roem. & Schult.	Tanglehead	Poaceae	A
<i>Hydrilla verticillata</i> (L. f.) Royle	Hydrilla**	Hydrocharitaceae	A
<i>Hydrocharis morsus-ranae</i> L.	Frogbit**	Hydrocharitaceae	A
<i>Hygrophila polysperma</i> (Roxb.) T. Anderson	Swampweed, Indian	Acanthaceae	Q
<i>Hyoscyamus niger</i> L.	Henbane, black	Solanaceae	C
<i>Hypericum canariense</i> L.	St. Johnswort, Canary Island	Hypericaceae	Q
<i>Hypericum perforatum</i> L.	Klamathweed	Hypericaceae	C
<i>Iris douglasiana</i> Herb.	Iris, Douglas	Iridaceae	C
<i>Iris missouriensis</i> Nutt.	Blue flag, western	Iridaceae	C
<i>Isatis tinctoria</i> L.	Dyer's woad	Brassicaceae	B
<i>Iva axillaris</i> Pursh	Povertyweed	Asteraceae	C
<i>Lagarosiphon major</i> (Ridl.) Moss	Oxygenweed**	Hydrocharitaceae	Q
<i>Lagarosiphon major</i> (Ridl.) Moss	Waterweed, curly**	Hydrocharitaceae	Q
<i>Lepidium latifolium</i> L.	Peppergrass, perennial	Brassicaceae	B
<i>Limnobium laevigatum</i> (Humb. & Bonpl. ex Willd.) Heine	Spongeplant, S. American**	Hydrocharitaceae	A
<i>Limnobium spongia</i> (Bosc.) Steud. s.s.	Spongeplant, N. American**	Hydrocharitaceae	Q
<i>Limnophila indica</i> (L.) Druce	Ambulia (1)	Scrophulariaceae	Q
<i>Limnophila sessiliflora</i> (Vahl) Blume	Ambulia (2)	Scrophulariaceae	Q
<i>Linaria genistifolia</i> (L.) Mill. subsp <i>dalmatica</i> (L.) Marie & Petitm.	Toadflax, Dalmatian	Scrophulariaceae	A
<i>Ludwigia peruviana</i> (L.) H. Hara	Primrose, water	Onagraceae	Q
<i>Lythrum salicaria</i> L.	Loosestrife, purple	Lythraceae	B
<i>Malvella leprosa</i> (Ortega) Krapov.	Mallow, alkali	Malvaceae	C
<i>Muhlenbergia schreberi</i> J. F. Gmel.	Nimblewill	Poaceae	B
<i>Myriophyllum spicatum</i> L. non Gmel.	Watermilfoil, Eurasian	Haloragaceae	C
<i>Nassella tenuissima</i> (Trin.) Barkworth	Tussockgrass, finestem	Poaceae	C
<i>Nothoscordum gracile</i> (Aiton) Stern s.l.	Garlic, fragrant false	Alliaceae	B
<i>Nymphaea mexicana</i> Zucc.	Waterlily, banana	Nymphaeaceae	B
<i>Ononis alopecuroides</i> L.	Restarrow, foxtail	Fabaceae	Q
<i>Onopordum acanthium</i> L.	Thistle, Scotch	Asteraceae	A
<i>Onopordum illyricum</i> L.	Thistle, Illyrian	Asteraceae	A
<i>Onopordum tauricum</i> Willd.	Thistle, Taurian	Asteraceae	A

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Scientific name	Common name	Family	Rating*
<i>Orobanche cooperi</i> (A. Gray) A. Heller	Broomrape, Cooper's	Orobanchaceae	A
<i>Orobanche ramosa</i> L.	Broomrape, branched	Orobanchaceae	A
<i>Oryza rufipogon</i> Griff.	Red rice, perennial wild	Poaceae	B
<i>Panicum antidotale</i> Retz.	Panicgrass, blue	Poaceae	B
<i>Panicum virgatum</i> L.	Switchgrass	Poaceae	B
<i>Peganum harmala</i> L.	Harmel	Zygophyllaceae	A
<i>Pennisetum clandestinum</i> Chiov.	Kikuyugrass	Poaceae	C
<i>Physalis longifolia</i> Nutt.	Groundcherry, long-leaf	Solanaceae	A
<i>Physalis viscosa</i> L.	Groundcherry, grape	Solanaceae	B
<i>Pistia stratiotes</i> L.	Lettuce, water**	Araceae	B
<i>Polygonum amphibium</i> L. var. <i>emersum</i> Michx.	Kelp	Polygonaceae	C
<i>Polygonum cuspidatum</i> Sieb. & Zucc.	Knotweed, Japanese	Polygonaceae	B
<i>Polygonum polystachyum</i> C. F. W. Meissn.	Knotweed, Himalayan**	Polygonaceae	B
<i>Polygonum sachalinense</i> Maxim.	Knotweed, giant	Polygonaceae	B
<i>Potentilla recta</i> L.	Cinquefoil, sulfur**	Rosaceae	Q
<i>Prosopis strombulifera</i> (Lam.) Benth.	Mesquite, creeping	Fabaceae	A
<i>Retama monosperma</i> (L.) Boiss.	Broom, bridal	Fabaceae	Q
<i>Rorippa austriaca</i> (Crantz) Besser	Field cress, Austrian	Brassicaceae	B
<i>Rorippa sylvestris</i> (L.) Besser	Field cress, creeping yellow**	Brassicaceae	Q
<i>Rotala rotundifolia</i> (Buch.-Ham. ex Roxb.) Koehne	Rotala, roundleaf**	Lythraceae	C
<i>Salsola collina</i> Benth.	Russianthistle, spineless	Chenopodiaceae	Q
<i>Salsola paulsenii</i> L.	Russianthistle, barbwire	Chenopodiaceae	C
<i>Salsola tragus</i> L.	Russianthistle, common	Chenopodiaceae	C
<i>Salsola vermiculata</i> L.	Saltwort, wormleaf	Chenopodiaceae	A
<i>Salvia aethiopis</i> L.	Sage, Mediterranean	Lamiaceae	B
<i>Salvia virgata</i> L.	Sage, southern meadow	Lamiaceae	A
<i>Salvinia auriculata</i> Aubl.	Salvinia, giant**	Salviniaceae	A
<i>Salvinia molesta</i> D. S. Mitch.	Salvinia, giant**	Salviniaceae	A
<i>Scolymus hispanicus</i> L.	Thistle, golden	Asteraceae	A
<i>Senecio jacobaea</i> L.	Ragwort, tansy	Asteraceae	B
<i>Senecio squalidus</i> L.	Ragwort, Oxford	Asteraceae	B
<i>Senna obtusifolia</i> (L.) Irwin & Barneby.	Sicklepod**	Fabaceae	Q
<i>Sesbania punicea</i> (Cav.) Benth.	Rattlebox	Fabaceae	Q
<i>Sesbania punicea</i> (Cav.) Benth.	Wisteria, scarlet	Fabaceae	Q
<i>Setaria faberii</i> R. Herm.	Foxtail, giant	Poaceae	B
<i>Solanum cardiophyllum</i> Lindl.	Nightshade, heartleaf	Solanaceae	A
<i>Solanum carolinense</i> L.	Hornenettle, Carolina	Solanaceae	B
<i>Solanum dimidiatum</i> Raf.	Nightshade, Torrey's	Solanaceae	A
<i>Solanum elaeagnifolium</i> Cav.	Hornenettle, white	Solanaceae	B
<i>Solanum lanceolatum</i> Cav.	Nightshade, lanceleaf	Solanaceae	B
<i>Solanum marginatum</i> L.f.	Nightshade, white-margined	Solanaceae	B
<i>Sonchus arvensis</i> L.	Sowthistle, perennial	Asteraceae	A
<i>Sorghum halepense</i> (L.) Pers. & perennial spp.	Johnsongrass	Poaceae	C
<i>Sphaerophysa salsula</i> (Pall.) DC.	Peaweed, Austrian	Fabaceae	A
<i>Striga asiatica</i> (L.) Kuntze	Witchweed	Scrophulariaceae	A
<i>Symphytum asperum</i> Lepechin	Comfrey, rough	Boraginaceae	B
<i>Taeniatherum caput-medusae</i> (L.) Nevski	Medusa-head	Poaceae	C
<i>Tagetes minuta</i> L.	Marigold, wild	Asteraceae	A
<i>Tamarix chinensis</i> Lour.	Tamarisk, Chinese**	Tamaricaceae	B
<i>Tamarix gallica</i> L.	Tamarisk, French	Tamaricaceae	B
<i>Tamarix parviflora</i> DC.	Tamarisk, smallflower	Tamaricaceae	B
<i>Tamarix ramosissima</i> Ledeb.	Saltcedar	Tamaricaceae	B
<i>Tribolium obliterum</i> (Hemsl.) Renvoize	Capegrass	Poaceae	Q
<i>Tribulus terrestris</i> L.	Puncturevine	Zygophyllaceae	C
<i>Ulex europaeus</i> L.	Gorse	Fabaceae	B
<i>Viscum album</i> L.	Mistletoe, European	Viscaceae	B
<i>Zostera japonica</i> Ascher & Graebner	Eelgrass, Japanese**	Zosteraceae	Q
<i>Zygophyllum fabago</i> L.	Beancaper, Syrian	Zygophyllaceae	A

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## Noxious weed species sorted by family name.

Family	Common name	Scientific name	Rating*
Acanthaceae	Swampweed, Indian	<i>Hygrophila polysperma</i> (Roxb.) T. Anderson	Q
Alliaceae	Garlic, fragrant false	<i>Nothoscordum gracile</i> (Aiton) Stern s.l.	B
Alliaceae	Garlic, wild	<i>Allium vineale</i> L.	B
Alliaceae	Onion, panicle	<i>Allium paniculatum</i> L.	B
Amaranthaceae	Alligatorweed	<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	A
Amaranthaceae	Joyweed, sessile	<i>Alternanthera sessilis</i> (L.) R. Br. ex DC.	Q
Araceae	Lettuce, water**	<i>Pistia stratiotes</i> L.	B
Asclepiadaceae	Bladderflower	<i>Araujia sericifera</i> Brot.	B
Asteraceae	Blueweed	<i>Helianthus ciliaris</i> DC.	A
Asteraceae	Brass buttons, creeping	<i>Cotula mexicana</i> (DC.) Cabrera	C
Asteraceae	Capeweed	<i>Arctotheca calendula</i> (L.) Levyns	A
Asteraceae	Creepers, bearded	<i>Crupina vulgaris</i> Cass.	A
Asteraceae	Knapweed, diffuse	<i>Centaurea diffusa</i> Lam.	A
Asteraceae	Knapweed, meadow	<i>Centaurea ×moncktonii</i> C. E. Britton [C. pratensis]	A
Asteraceae	Knapweed, Russian	<i>Acroptilon repens</i> (L.) DC.	B
Asteraceae	Knapweed, spotted	<i>Centaurea maculosa</i> auct. non Lam.	A
Asteraceae	Knapweed, squarrose	<i>Centaurea squarrosa</i> Willd., non Roth	A
Asteraceae	Marigold, wild	<i>Tagetes minuta</i> L.	A
Asteraceae	Povertyweed	<i>Iva axillaris</i> Pursh	C
Asteraceae	Ragweed, giant	<i>Ambrosia trifida</i> L.	B
Asteraceae	Ragwort, Oxford	<i>Senecio squalidus</i> L.	B
Asteraceae	Ragwort, tansy	<i>Senecio jacobaea</i> L.	B
Asteraceae	Skeletonweed	<i>Chondrilla juncea</i> L.	A
Asteraceae	Sowthistle, perennial	<i>Sonchus arvensis</i> L.	A
Asteraceae	Starthistle, Iberian	<i>Centaurea iberica</i> Trevir. ex Spreng.	A
Asteraceae	Starthistle, purple	<i>Centaurea calcitrapa</i> L.	B
Asteraceae	Starthistle, Sicilian	<i>Centaurea sulphurea</i> Willd.	B
Asteraceae	Starthistle, yellow	<i>Centaurea solstitialis</i> L.	C
Asteraceae	Thistle, artichoke	<i>Cynara cardunculus</i> L.	B
Asteraceae	Thistle, bull	<i>Cirsium vulgare</i> (Savi) Ten.	C
Asteraceae	Thistle, Canada	<i>Cirsium arvense</i> (L.) Scop.	B
Asteraceae	Thistle, golden	<i>Scolymus hispanicus</i> L.	A
Asteraceae	Thistle, Illyrian	<i>Onopordum illyricum</i> L.	A
Asteraceae	Thistle, Italian	<i>Carduus pycnocephalus</i> L.	C
Asteraceae	Thistle, Japanese	<i>Cirsium japonicum</i> DC.	Q
Asteraceae	Thistle, musk	<i>Carduus nutans</i> L.	A
Asteraceae	Thistle, plumeless	<i>Carduus acanthoides</i> L.	A
Asteraceae	Thistle, Scotch	<i>Onopordum acanthium</i> L.	A
Asteraceae	Thistle, slenderflowered	<i>Carduus tenuiflorus</i> Curtis	C
Asteraceae	Thistle, smooth distaff	<i>Carthamus baeticus</i> (Boiss. & Reuter) Nyman	B
Asteraceae	Thistle, Taurian	<i>Onopordum tauricum</i> Willd.	A
Asteraceae	Thistle, wavyleaf	<i>Cirsium undulatum</i> (Nutt.) Spreng.	A
Asteraceae	Thistle, wilty	<i>Carduus crispus</i> L.	Q
Asteraceae	Thistle, whitestem distaff	<i>Carthamus leucocaulos</i> Sibth. & Sm.	A
Asteraceae	Thistle, woolly distaff	<i>Carthamus lanatus</i> L.	B
Asteraceae	Thistle, yellowspine	<i>Cirsium ochrocentrum</i> A. Gray	A
Asteraceae	Tocalote	<i>Centaurea melitensis</i> L.	C
Boraginaceae	Comfrey, rough	<i>Symphytum asperum</i> Lepechin	B
Brassicaceae	Alyssum, hoary	<i>Bentroa incana</i> (L.) DC.	Q
Brassicaceae	Dyer's woad	<i>Isatis tinctoria</i> L.	B
Brassicaceae	Field cress, Austrian	<i>Rorippa austriaca</i> (Crantz) Besser	B
Brassicaceae	Field cress, creeping yellow**	<i>Rorippa sylvestris</i> (L.) Besser	Q
Brassicaceae	Hoarycress, globe-podded	<i>Cardaria pubescens</i> (C. A. Mey.) Jarmol.	B
Brassicaceae	Hoarycress, heart-podded	<i>Cardaria draba</i> (L.) Desv.	B
Brassicaceae	Hoarycress, lens-podded	<i>Cardaria chalepensis</i> (L.) Hand.-Mazz.	B
Brassicaceae	Mustard, purple	<i>Chorispora tenella</i> (Pallas) DC.	B
Brassicaceae	Peppergrass, perennial	<i>Lepidium latifolium</i> L.	B
Brassicaceae	Swinecress	<i>Coronopus squamatus</i> (Forskall) Asch.	B
Cabombaceae	Fanwort, Carolina**	<i>Cabomba caroliniana</i> A. Gray	Q

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<b>Family</b>	<b>Common name</b>	<b>Scientific name</b>	<b>Rating*</b>
Caryophyllaceae	Baby's breath	<i>Gypsophila paniculata</i> L.	B
Chenopodiaceae	Halogeton	<i>Halogeton glomeratus</i> (M. Bieb.) C. A. Mey.	A
Chenopodiaceae	Russianthistle, barbwire	<i>Salsola paulsenii</i> L.	C
Chenopodiaceae	Russianthistle, common	<i>Salsola tragus</i> L.	C
Chenopodiaceae	Russianthistle, spineless	<i>Salsola collina</i> Benth.	Q
Chenopodiaceae	Saltwort, wormleaf	<i>Salsola vermiculata</i> L.	A
Convolvulaceae	Bindweed, field	<i>Convolvulus arvensis</i> L.	C
Cucurbitaceae	Melon, dudaim	<i>Cucumis melo</i> L. var. <i>dudaim</i> (L.) Naudin	A
Cucurbitaceae	Melon, paddy	<i>Cucumis myriocarpus</i> Naudin	B
Cuscutaceae	Dodder, native	<i>Cuscuta</i> spp.	C
Cuscutaceae	Dodder, non-native	<i>Cuscuta</i> spp.	A
Cyperaceae	Nutsedge, purple	<i>Cyperus rotundus</i> L.	B
Cyperaceae	Nutsedge, yellow	<i>Cyperus esculentus</i> L.	B
Euphorbiaceae	Spurge, Geraldton carnation	<i>Euphorbia terracina</i> L.	Q
Euphorbiaceae	Spurge, grass-leaf	<i>Euphorbia graminea</i> Jacq.	Q
Euphorbiaceae	Spurge, leafy	<i>Euphorbia esula</i> L.	A
Euphorbiaceae	Spurge, oblong	<i>Euphorbia oblongata</i> Griseb.	B
Euphorbiaceae	Spurge, serrate	<i>Euphorbia serrata</i> L.	A
Fabaceae	Broom, bridal	<i>Retama monosperma</i> (L.) Boiss.	Q
Fabaceae	Broom, French	<i>Genista monspessulana</i> (L.) L. A. S. Johnson	C
Fabaceae	Broom, Scotch	<i>Cytisus scoparius</i> (L.) Link	C
Fabaceae	Camelthorn	<i>Alhagi maurorum</i> Medik.	A
Fabaceae	Gorse	<i>Ulex europaeus</i> L.	B
Fabaceae	Jointvetch, rough	<i>Aeschynomene rufis</i> Benth.	A
Fabaceae	Kangaroothorn	<i>Acacia paradoxa</i> DC.	B
Fabaceae	Mesquite, creeping	<i>Prosopis strombulifera</i> (Lam.) Benth.	A
Fabaceae	Peaweed, Austrian	<i>Sphaerophysa salsula</i> (Pall.) DC.	A
Fabaceae	Rattlebox	<i>Sesbania punicea</i> (Cav.) Benth.	Q
Fabaceae	Restarrow, foxtail	<i>Ononis alopecuroides</i> L.	Q
Fabaceae	Salttree, Russian	<i>Halimodendron halodendron</i> (Pall.) Voss	A
Fabaceae	Sicklepod**	<i>Senna obtusifolia</i> (L.) Irwin & Barneby.	Q
Fabaceae	Wisteria, scarlet	<i>Sesbania punicea</i> (Cav.) Benth.	Q
Haloragaceae	Watermilfoil, Eurasian	<i>Myriophyllum spicatum</i> L. non Gmel.	C
Hydrocharitaceae	Frogbit**	<i>Hydrocharis morsus-ranae</i> L.	A
Hydrocharitaceae	Hydrilla**	<i>Hydrilla verticillata</i> (L. f.) Royle	A
Hydrocharitaceae	Oxygenweed**	<i>Lagarosiphon major</i> (Ridl.) Moss	Q
Hydrocharitaceae	Spongeplant, N. American**	<i>Limnobium spongia</i> (Bosc.) Steud. s.s.	Q
Hydrocharitaceae	Spongeplant, S. American**	<i>Limnobium laevigatum</i> (Humb. & Bonpl. ex Willd.) Heine	A
Hydrocharitaceae	Waterweed, Brazilian**	<i>Egeria densa</i> Planch.	C
Hydrocharitaceae	Waterweed, curly**	<i>Lagarosiphon major</i> (Ridl.) Moss	Q
Hypericaceae	Klamathweed	<i>Hypericum perforatum</i> L.	C
Hypericaceae	St. Johnswort, Canary Island	<i>Hypericum canariense</i> L.	Q
Iridaceae	Blue flag, western	<i>Iris missouriensis</i> Nutt.	C
Iridaceae	Iris, Douglas	<i>Iris douglasiana</i> Herb.	C
Lamiaceae	Sage, Mediterranean	<i>Salvia aethiopsis</i> L.	B
Lamiaceae	Sage, southern meadow	<i>Salvia virgata</i> L.	A
Lythraceae	Loosestrife, purple	<i>Lythrum salicaria</i> L.	B
Lythraceae	Rotala, roundleaf**	<i>Rotala rotundifolia</i> (Buch.-Ham. ex Roxb.) Koehne	C
Malvaceae	Mallow, alkali	<i>Malvella leprosa</i> (Ortega) Krapov.	C
Moraceae	Crabweed, hairy	<i>Fatoua villosa</i> (Thunb.) Nakai	Q
Nymphaeaceae	Waterlily, banana	<i>Nymphaea mexicana</i> Zucc.	B
Onagraceae	Gaura, Drummond's	<i>Gaura drummondii</i> (Spach) Torr. & A. Gray	B
Onagraceae	Gaura, scarlet	<i>Gaura coccinea</i> Pursh	B
Onagraceae	Gaura, wavy-leaved	<i>Gaura sinuata</i> Ser.	B
Onagraceae	Primrose, water	<i>Ludwigia peruviana</i> (L.) H. Hara	Q
Orobanchaceae	Broomrape, branched	<i>Orobanche ramosa</i> L.	A
Orobanchaceae	Broomrape, Cooper's	<i>Orobanche cooperi</i> (A. Gray) A. Heller	A
Parkeriaceae	Watersprite**	<i>Ceratopteris thalictroides</i> (L.) Brogn.	Q
Poaceae	Bermudagrass	<i>Cynodon</i> spp. & hybrids	C
Poaceae	Capegrass	<i>Tribolium obliterum</i> (Hemsl.) Renvoize	Q

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<b>Family</b>	<b>Common name</b>	<b>Scientific name</b>	<b>Rating*</b>
Poaceae	False-brome, slender	<i>Brachypodium sylvaticum</i> (Huds.) Beauv.	A
Poaceae	Foxtail, giant	<i>Setaria faberii</i> R. Herm.	B
Poaceae	Giant-reed	<i>Arundo donax</i> L.	B
Poaceae	Goatgrass, barb	<i>Aegilops triuncialis</i> L.	B
Poaceae	Goatgrass, jointed	<i>Aegilops cylindrica</i> Host	B
Poaceae	Goatgrass, ovate	<i>Aegilops ovata</i> L.	B
Poaceae	Johnsongrass	<i>Sorghum halepense</i> (L.) Pers. & perennial spp.	C
Poaceae	Kikuyugrass	<i>Pennisetum clandestinum</i> Chiov.	C
Poaceae	Medusa-head	<i>Taeniatherum caput-medusae</i> (L.) Nevski	C
Poaceae	Nimblewill	<i>Muhlenbergia schreberi</i> J. F. Gmel.	B
Poaceae	Pampas grass	<i>Cortaderia jubata</i> (Lemoine ex Carrière) Stapf	B
Poaceae	Panicgrass, blue	<i>Panicum antidotale</i> Retz.	B
Poaceae	Punagrass	<i>Achnatherum brachychaetum</i> (Godr.) Barkworth	A
Poaceae	Quackgrass	<i>Elytrigia repens</i> (L.) Desv.	B
Poaceae	Red rice, perennial wild	<i>Oryza rufipogon</i> Griff.	B
Poaceae	Sandbur, coast	<i>Cenchrus incertus</i> M. A. Curtis	C
Poaceae	Sandbur, mat	<i>Cenchrus longispinus</i> (Hackel) Fernald	C
Poaceae	Sandbur, southern	<i>Cenchrus echinatus</i> L.	C
Poaceae	Switchgrass	<i>Panicum virgatum</i> L.	B
Poaceae	Tanglehead	<i>Heteropogon contortus</i> (L.) Roem. & Schult.	A
Poaceae	Tussockgrass, finestem	<i>Nassella tenuissima</i> (Trin.) Barkworth	C
Polygonaceae	Kelp	<i>Polygonum amphibium</i> L. var. <i>emersum</i> Michx.	C
Polygonaceae	Knotweed, giant	<i>Polygonum sachalinense</i> Maxim.	B
Polygonaceae	Knotweed, Himalayan**	<i>Polygonum polystachyum</i> C. F. W. Meissn.	B
Polygonaceae	Knotweed, Japanese	<i>Polygonum cuspidatum</i> Sieb. & Zucc.	B
Pontederiaceae	Water hyacinth, common	<i>Eichhornia crassipes</i> (Mart.) Solms	C
Rosaceae	Biddy-biddy	<i>Acaena novae-zelandiae</i> Kirk	A
Rosaceae	Biddy-biddy, pale	<i>Acaena pallida</i> (Kirk) H. H. Allan	A
Rosaceae	Bidi-bidi**	<i>Acaena magellanica</i> (Lam.) Vahl	B
Rosaceae	Cinquofoil, sulfur**	<i>Potentilla recta</i> L.	Q
Rubiaceae	Buttonweed, Virginia	<i>Diodia virginiana</i> L.	Q
Salviniacae	Salvinia, giant**	<i>Salvinia auriculata</i> Aubl.	A
Salviniacae	Salvinia, giant**	<i>Salvinia molesta</i> D. S. Mitch.	A
Scrophulariaceae	Ambulia (1)	<i>Limnophila indica</i> (L.) Druce	Q
Scrophulariaceae	Ambulia (2)	<i>Limnophila sessiliflora</i> (Vahl) Blume	Q
Scrophulariaceae	Toadflax, Dalmatian	<i>Linaria genistifolia</i> (L.) Mill. subsp <i>dalmatica</i> (L.) Marie & Petitm.	A
Scrophulariaceae	Water-hyssop	<i>Bacopa monnieri</i> (L.) Pennell	C
Scrophulariaceae	Witchweed	<i>Striga asiatica</i> (L.) Kuntze	A
Simaroubaceae	Tree-of- heaven, Chinese	<i>Ailanthus altissima</i> (Mill.) Swingle	C
Solanaceae	Groundcherry, grape	<i>Physalis viscosa</i> L.	B
Solanaceae	Groundcherry, long-leaf	<i>Physalis longifolia</i> Nutt.	A
Solanaceae	Henbane, black	<i>Hyoscyamus niger</i> L.	C
Solanaceae	Horsenettle, Carolina	<i>Solanum carolinense</i> L.	B
Solanaceae	Horsenettle, white	<i>Solanum elaeagnifolium</i> Cav.	B
Solanaceae	Nightshade, heartleaf	<i>Solanum cardiophyllum</i> Lindl.	A
Solanaceae	Nightshade, lanceleaf	<i>Solanum lanceolatum</i> Cav.	B
Solanaceae	Nightshade, Torrey's	<i>Solanum dimidiatum</i> Raf.	A
Solanaceae	Nightshade, white-margined	<i>Solanum marginatum</i> L.f.	B
Tamaricaceae	Saltcedar	<i>Tamarix ramosissima</i> Ledeb.	B
Tamaricaceae	Tamarisk, Chinese**	<i>Tamarix chinensis</i> Lour.	B
Tamaricaceae	Tamarisk, French	<i>Tamarix gallica</i> L.	B
Tamaricaceae	Tamarisk, smallflower	<i>Tamarix parviflora</i> DC.	B
Viscaceae	Mistletoe, European	<i>Viscum album</i> L.	B
Zosteraceae	Eelgrass, Japanese**	<i>Zostera japonica</i> Ascher & Graebner	Q
Zygophyllaceae	Beancaper, Syrian	<i>Zygophyllum fabago</i> L.	A
Zygophyllaceae	Harmel	<i>Peganum harmala</i> L.	A
Zygophyllaceae	Puncturevine	<i>Tribulus terrestris</i> L.	C

Note: species included on the quarantine list and assigned ratings are subject to change at anytime.

\* Hrusa and Kelch 2007. \*\* No picture available.

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